

atcgatggac	gtcagcccaa	atgcttcttc	gaggagcttc	ccaaggacac	attggttgtc	180
ggaaccttct	ccacgcaggt	catcaaccag	caatcgaaca	cgtactccgt	tgatcccagc	240
ctgaagatgc	tcattaccgt	cgacgagacc	ttcgacaacg	atcaccgcgt	tgtctccaag	300
cgtgatggcc	actccggctc	cttcaccttc	tccgcgcgtg	atgccggcca	gcacaggatc	360
tgtgtgaccg	ccgatacgag	tgccgcgacc	ggcggctggc	tgtcgggtgc	ccccgcgggt	420
gctgtccaag	tgactctgga	catggccatc	ggagagacca	gcaagatcga	gacggaagac	480
aaaggcaaga	tccacgacat	cgtccagaaa	gtgaaagaac	tcaacgggcg	gctgcgagat	540
atccccgagag	aacaagtggg	tccacgggaa	cgtgaaggcg	aatttcgtga	tcagtctgaa	600
gcctccaact	cccgtggctc	ccgatggacc	ctcgatcaag	agggtggggc	tggtccctgc	660
ctgccccggg	aaactggcca	cc				682

<210> 5158

<211> 671

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(671)

<223> n = A,T,C or G

<400> 5158

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gccacgggca	accaaggcgg	ctccgtgate	aaccacattc	tgccggatcc	ccagctccac	180
aaagagttca	agatccgagg	catcaccgcg	gataccacca	agcccgcgcg	ccaggagctg	240
caaaagcgtg	gagtggaagt	tgttacggcc	gatctgaact	ctgtcgaatc	tcttcgcaca	300
gctctcaaa	gatcccaaac	cgtcttctca	gtaaccaact	actgggaata	cgtcaacaag	360
gacacccagg	tcacccaggg	caagaacgtc	gcgatgttag	ccaaagagct	cggcgtccag	420
caactgatct	tctcttctct	tgttcaagtc	accgaattca	ctaattggccg	tctcagccat	480
gtaccccatc	tcgatggcag	gctgnaatcg	aagatacatn	cgtgcttcag	gtgtccctgt	540
actttcgttc	ttgcgggcta	cttcatgtct	atttaacctgc	agatgctgaa	aaagagcgat	600
gatggcacct	atcagctttt	ctatcctggt	gatgggtgcta	aggctaaagt	tnctttattc	660
gatgctgcaa	a					671

<210> 5159

<211> 663

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(663)

<223> n = A,T,C or G

<400> 5159

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ttttgtccga	gctgcacagga	tctgtataag	cccccaaaa	gtcgtttcca	ctctgttgat	180
gggtcttctc	ttggacatca	ttttgggatgc	ttatttttca	tgacattccc	tgacttqqac	240
attggctctc	ggctcgatag	ctctcttctga	tccgcgggac	ggctcattca	agtaaatatc	300
caggtctctc	cagatgttcc	tctgtctcat	cagccgggtg	agattaacgg	ggtacgaacg	360
gcaatttctc	gccccggact	tggattgggc	aagatctatg	aatcacggat	ttatggattc	420
cggggtttcg	agcgtctctg	gacgggaaca	cgtatgaaat	ggctacggat	gaagcccacg	480
gatgttgaag	aactcaatga	qatggcccca	tatgaggcag	ctcgtaggga	agccgacaac	540
gacggngana	cagaaatggg	ccccqctctc	gcangangag	cgcagaactc	ggngatagnc	600
aagaggaaaa	aggcaatgat	cngagacggc	ngtncaaccc	tgatcaatga	gcattaacgg	660
ngg						663

<210> 5160

<211> 636
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5160
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tatgggtaac cagcagtcga acatcggcgg agggcccggg ggcgatggaa gggatgataa      180
ggataagaag aaggacaagc ccagatacga accacctcct cctcccaaga ctctgtcttg      240
acgtaagaag cgcaaggctg ccggcccaag tacagcttcc aaactccccg acatcttccc      300
aacgtcacga tgcaaattac gatacttgcg aatgcaacgg gtccacgac acttgctgct      360
agaagaagaa tatgtcgaga atatggaacg tctacgcaa actaaggcac aggcagcaca      420
tgattccgtc agcagaagcg agtttgatat tatggaccga aatgcagacg aaaggggtcg      480
cgtcgatgac atgagaggta ccccatggg agtcggcaac ttggaagaat taatcgacga      540
cgaccatgcc attgtgtcca gtgtacggg accagagtag tacgtttcca tcatgtctt      600
cgttgataat gacttgctgg agcctggtgc cagcat      636
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<210> 5161
 <211> 670
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5161
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gtctcatggc acaccgtcga aattggaaaa cgagcgcaag gcccgtagc tacgcatgtc      120
cctaaaaagt gaacgcccag tgctcttgga caaagcaacc gcaaaaatgc cggagaagaat      180
tctcgacgaa agaaaattcc atgtcttcta ttcgacgat gggggatttc gagccactca      240
tgagaatggt cagcctgggg aggagatcta ttacctcgga atcattgatt gtttgacaca      300
ttatggcatg gtgaaacgat tggagcaett cttaaggggc ctgtcccatg accggaatca      360
gatttcacca gtcccccccg agggttatgg tgatcgcttt gtgaagttca tcaagggcac      420
cactatgtct aaagaggaag cggtaactgg tggggagtct cggtaactgg gcagaacatc      480
tgctgagcgt actccttctg ttgaaaggac aatacatgag gcggagaaag aagcggccaa      540
tgatgtatct tttaacgacc ctggagcgtt atccacaatt agggacccca cggacaccaa      600
ttcaacgggt gcaactttaa cactaccgat cgtggacgaa gctggcgagg ccattatcgt      660
tgtgggacat      670
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<210> 5162
 <211> 649
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(649)
 <223> n = A,T,C or G

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<400> 5162
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ttctctcggg ttctccaccc agcgcttctg tctgtgtttt agtttagatt tttgtcttca      120
taccctcccc aacaaagatg ctgagaaccc ggaattcacc ttccaggagg tatccqcca      180
caacacccaa aaggatcttt acatggctcat ccacgacaag gtctacgact gaacctcttt      240
cgtcgatgag caaccgggtg gtgaggaagt cctgctcgat gttgggtggtc aggatgccac      300
tgaggtcttc gaggaggttg gtacacgtga cgaggctcgt gagatcctgg acggtctcct      360
cgtgggtaac ctcaagcgcg tgcgcggcga cctgctctcc cgttctcacy ccaggctac      420
taccacacgc tctctcaact ccggcagctc taccggctcc ggtgttggtc tctacgcctt      480
ccttctcacc ggtgggtggg tgggttaagg tgcctacacg taccggaagc cgtgtcttga      540
agcccagtag agaaaggtag atgacgggga acaagaaaaa taanaaagaa aaaaaatat      600
ttagaacgaa cttttaatac gacattgcgt ttttttaaac gtacgacct      649
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<210> 5163

<211> 639
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(639)
 <223> n = A,T,C or G

<400> 5163
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 catcttttaa cagtcggcca agcagccgca cgagctactc aaggtcggtc aacccccgca 120
 cacaccctaa tattggacct ttgacttggg ccggaaggcg gccgaagcgg accaaaaccc 180
 ccttgggacc ttaatcgacc aaatccaccc atggaaggcg gggggcgggg gcattgggta 240
 accattccgg gggaccaaatt ggacccatta accggatggc ttataatggc caagaagaag 300
 gacttttcat ggcgaaggtc ctgcccggca agaataatga gaggcgcgaa actctgggtt 360
 cgggggtttc taaccccaca gggcttcaga agcgcgcgcc caccggaaat tcttctatcc 420
 ctgtgccttg gaatttttca ctataaccgg aattgagcga aggggggggca catggggcgg 480
 cccgattcga agacaaaaac caccaccgat ctgggcgaga ctttctaagt tccatgtgaa 540
 ttttccacta tctatctctt ccattggcta ccattagaca cacattgggg caacttcgaa 600
 aggcgtgacg aattcaccgc tgggacgcgc gcttgatan 639

<210> 5164
 <211> 1006
 <212> DNA
 <213> Aspergillus oryzae

<400> 5164
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 ggggtctgga gagagcaatt gtgccatcgc tccgctcctc acagccaatc tcccgaccac 120
 caccaccatc aatactctca cgaaccaaca cctccgcctc gacaccatc ttgaaccgcc 180
 tctccccctt ctctcaagtc cgtcatgcct cccacgccac ccagggtacg gcgaatcgac 240
 attcccgtga ccccgcgagg aagcgtctcg gtgcgaaaag taccaccggt gaatacgtcg 300
 ttccaggctg tatcattttc cgtcagcgtg gaacgaaaag gtttccaggc gagaattgcg 360
 cgctaggcag ggatcatacc atctatgcc a ctgaggcagg atatgtgaga tactatttgg 420
 atcccgaacg gcaccctgac cggaaagtata tggcgctctg ctttgagaag gacggcaagt 480
 tgcttacgcc ccggaatgcc ccgaccaaac ggaaactgaa cagggtcgcc gtccctcgca 540
 tcgatgacgc cctacgcgcg attgctggac agtcggatct tgttgctact attgacaatg 600
 gcactatggt gtctagatgt tagactctgt acgcccagtc aggcctctcag atgcgtccgg 660
 gttatatgtg ccgtgaggcg aactggcaga tccgttgagc agcttagaag gccgggatta 720
 cagcgaaggc ttacaacccc aagaaccggt gggttggcatg gagaaagaga caggctaggg 780
 ccgaacgggc cgcacagatg aagagtctca agaacaagaa gaaggcttca aagaagggca 840
 aggggtggcg ctaatgatca tagccaacgc ttccgcccat tatcttatgt ctccgcattg 900
 ccggagtggg gtgcacgggt atcgggctta aagggtgcttt tgtactatag agaaatgttt 960
 acatccatta aattgttatt caaaaaaaaaa aaaaaaaaaa attcct 1006

<210> 5165
 <211> 682
 <212> DNA
 <213> Aspergillus oryzae

<400> 5165
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 attgcattca tgggaggtct agatatgtgt tttggccgct gggatacaaa ccagcacgca 120
 ctgcgcgatg tccacccgga ggacgtatac gagagcgtgt tcccaggcca agactacaac 180
 attgcacagag tgcctgattt ccattgatgtg gcccattggg agaagaaatca gcttgaccca 240
 aagacatcct cccgcattggg ttggtcggat atctccgtga gcttgccagg ccattgtcgtg 300
 gaggattttac gacgacactt catcgaacgt tggaaacttta tctacgatac gaagtatgat 360
 tcacgcaaag atgcgagata ctccaggctc gcattgtacg gtctgccag ctctcaaac 420
 cgtccacagc agccagggtgc tcagcaacag cagagtacat ctccccggac tagcactagc 480

agtcacgcgag	cacctagcta	ccagcaacct	ccggcgctcac	cacagtcgaa	tctatcgact	540
aagccccagg	cacaagcaat	atgtaacct	gcctaccagc	aatcggaac	atcgccgcat	600
cctggccttt	caagctactt	cactgcctcc	atcgcatata	atcaagctac	ctctagcccc	660
catcagcctg	cctctggtgc	tc				682

<210> 5166
 <211> 709
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(709)
 <223> n = A,T,C or G

<400> 5166						
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cgccccctctt	acgacaggcc	tcacatacgaa	cagggggcctc	ccgggtgaccg	tcacacaatac	240
gaccgtcccc	cttacgaaca	gggacctccc	tctggcgagc	gcccaccata	cgaccgtccc	300
ccttaacgagc	aaaggcctcc	ctctggcgag	cgctcaccat	acgaccgtcc	cccttacgaa	360
cagccacctc	ccggcgagcg	ttcgcaatac	gagcgccctc	catatgggca	gccccctcaa	420
gaccaacgcc	ctcgtatga	cagaccacca	tcgagagac	ccccatacga	atcagaccgt	480
tccttgcact	cccgcccttc	ctactnctcc	ggaccacctt	tcggccgtcc	tcctcaaatt	540
ccccaccac	ctctttccca	tgggttgggt	tcaggaatgg	gaggcccaac	gcccgcgcgcg	600
ctttttgggt	tgatgtagcc	caccggcaaa	ctccagtggg	aacaaccttt	tggcgactct	660
tcctgtgaat	gggccccggg	tggccctccg	ctatcatgaa	ccccctcc		709

<210> 5167
 <211> 663
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5167						
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ccggaccgccg	tattatcgaa	accgacgata	aacgaagatg	gcttcaactc	ttgctatggg	120
actcggtgtc	ggcaccgcgg	cattttttggg	tcgcgcaggt	tatgtcgctt	tgcgtcgtgc	180
cagggggagg	gtgaacgcgg	cgggcaaggc	attctacaag	ggtggatttg	aaccccgcat	240
gaaccgtcgc	gaagccgcat	tgatcctaga	acttccggaa	cgtactttga	acaaggacaa	300
ggtcgcgaag	aagcaccgtc	agctgatgct	tcttaaccac	cccgatcgcg	gtggcagccc	360
gtaactggca	accaagatca	acgaagcgaa	ggaaattctc	gataagcata	cttaattgggtg	420
gaatcggaag	gggcccgtggc	ccctgggtcac	cgttgggggt	attggcgcat	ctctcaagaa	480
cagaagggtg	gcctttctgt	tcgttgtata	aggaaagaga	atgtcttttt	ttgggtgcat	540
agcatggcgt	tggtggaata	ttcgaggacg	aggttcattt	cttcagctc	ctcccgagaa	600
cttgggtttg	catatatccc	tgacgagatc	ggcactcctg	attactttac	atgtcctctg	660
gag						663

<210> 5168
 <211> 673
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(673)
 <223> n = A,T,C or G

<400> 5168						
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tgatcgcaac	cattagaggc	gtccatgcgt	ccgtggcagg	gattgctctc	agtttcgctt	180
tacaaatgtc	tgacgtcgtc	gcttgggtgc	tgtctgagta	caccgagatc	gagctggact	240
tcaatgccgg	tgaacgcac	gtcgaataca	cgtcgatcgt	aactgagcat	caggatggca	300
tggatgcttc	cacccaatgg	cccacgaaag	gcgagattga	ggccaataga	actcttcgtt	360
ggcttaccac	cacaattacc	accggttcta	acggggtcga	gcttctctat	aaaatctaac	420
gagcacgtcg	agatcgcccc	gacgtaccgg	ctcttgcan	tagtcatttg	cactcgcgct	480
tctgcgcttc	cttgaggtac	gggcccgcac	cttacactta	ggtggaaagg	gtttctctag	540
actgggactc	acggccctcc	gctccgagat	tgcaattatc	cccccaggag	cccgggattt	600
cttcggggac	cctacgatcg	ggcctcaatc	gtttggaaaa	gccaaaattc	tgagctcctt	660
gcgatttatc	aag					673

<210> 5169

<211> 650

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (650)

<223> n = A,T,C or G

<400> 5169

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aaattgggac	gagctgccgc	cggagcggaa	aaaggctggt	gaccgatggg	ctgctgtgat	180
caaccctgac	atagacaaga	actgggagat	agacctgctt	catagcgtga	cgcacgatag	240
cattgtcaac	tgtgtccagt	ttagtaacga	tggcaaatat	attgctgttg	gatgcgcaga	300
tggcgccgta	caaatagtcg	aggtttcaac	cggaaactcag	gtggctcgtc	tacaagatga	360
gggatatagt	cacgactgtc	tctgtgtaag	agtgagggtt	ttgcctgata	attatcttct	420
ggttaaccga	catagcagatg	gcaatatacg	cgtttgggac	tatatgggaa	gcttcttcga	480
cgaacccttg	tggtagtga	actgggttct	tcaactctaga	tctttcggct	actgggcac	540
taatcgcggt	ttccgagaga	aatangactg	tcaaggcttg	ggatctggat	gcagcatctg	600
gtattcggca	gctcgggacg	ctccacacag	ctgacgatgt	atatatagcn		650

<210> 5170

<211> 663

<212> DNA

<213> *Aspergillus oryzae*

<400> 5170

cccagaacgc	acttttaggag	cgagcaatta	ttcaaccatg	tcatattcaa	gcagcgaaaa	60
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ctacgatgaa	gaatacacat	atgcagagca	gcgtaagatt	atccacccgg	tggatagacg	180
tcttgtcacc	attaecgggt	tagcatattg	tgtgtccctc	atggacagga	caaactctgag	240
catggctgct	gtcgcgggca	tgaccaagga	cctgggtttg	acaattggaa	cccgatattc	300
cgtcatggte	ctcatcttct	togttcctta	tgtgatcttc	cagccacca	tgacagttat	360
aacacggaag	ataggctcta	cctacttctt	gggaaccatt	gttattcttt	ggggggcaat	420
totaattggc	atgggatttg	caaagaaatg	gaagcatatg	gtcgcgacgc	gtgcactgtg	480
ggtatacttg	aagcaaaacta	ctttcccqgg	tgtgtatata	ttttgtcaag	ctggtaacact	540
cgggttgacg	tggcaaaaacg	gggtctctggc	ttttacttaa	atcgggtggt	agcatcagca	600
atgggtctgga	ttctttgcttt	tgggctgagg	caaattgggg	ggcttlaaga	tcttggaagg	660
tgg						663

<210> 5171

<211> 663

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature
 <222> (1)...(699)
 <223> n = A,T,C or G

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tctcctaccg gtcctccagc aggcaactct cgaggcaata cgcggccgac aactccattt      180
aatgctcaat tttcccttcc tgcaacgcca cccgacctct tccttgtcac gcgtacttca      240
ccccaccttt cgccttcgct gtggggagaa ttcagcccg accagttgtt ccctgatggc      300
actgccatct tccctgagct gacttccccg cagcagactg ccgtcgatcc acaattacag      360
atgtcctctc agttacagac acaaggcatg gatcagcgac atatgatgcc gcatcagatg      420
tcttcccagag gtcttcccgg aacacaggga agcccggaga tgatttcgaa catccccccg      480
ggattgggca tgcaagggtc gcaaccacca caggtgttcg gaatggagaa tcagcagcct      540
tgcccctagg caggtttaga ggcagccctg cataccgggg tggaggctgc tagcccgat      600
gacacctgna gtaatagctc ccgaagtggg gaaaccgcac cgaccacttt gaacgtggaa      660
gactggttcc aattctttgc attaatggta gctttggcg      699
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<210> 5172
 <211> 679
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5172
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aaagtgatct ccgtaagcca ggaatacgac ataattggcta ctccaacagg ccgtcttcaa      120
gacaagaatg ctataatcac tgggtgctgca ggagggatcg gtctcgagac tagtatectc      180
ttcgcccgcg aaggtgccaa tgctctcatg gccgacatct ctgctcctgc cctcgagaaa      240
ggcctcgcca aagtgaagga ggttgctccc aatgccccac gggttgaaac tttcaagtgc      300
gatgtttcca aggagtccga ggtacaagcg atgggtggaat ctcaagacag ctggggcgga      360
actgacgtga tcttcaataa cgttggtatt atgcatgctg acgatgccga cgcctgggac      420
acgccagaga agatttgga tttgacacag aacattaatg tgaagggggg gtgggttgga      480
tgcaagcacg ccgtgctcag tctcgtcgt cataagaaga ccaagggtag cattatcaac      540
actgctagtg taagtgcctt aatgggtagt gccacttctc agctggctta cactgccaac      600
aaaggcgcgg tgcttgcctt gacccgtgaa ctaaaacctt tgcatgcctc ggaaggattc      660
cggtttaatg ccttgtgcg      679
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<210> 5173
 <211> 503
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(503)
 <223> n = A,T,C or G

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tgatgttccc ttcaatcacc ggaaccttac gcccaaggag atgacaaaagc aggatatcga      120
ajacttgaag gtgcgatggg tgagcgcggt caaacgagct gtttaagggg gtgcggacct      180
tgtttgaaat cataacgccc atgggtatct cctcatgtcg ttctgtccc ccgcctgtaa      240
tiagagaacg gatgaatatg gcggaagctt tgaaaatcgc atccgctcga gtatggagat      300
tgctaagctg accagagagg cgggttcccga ggataaaccc ggcttccagg ctccctttgc      360
tgtcccgctg taaacggggc gttggggata agctgaaggt anggtcagtg ggcattgatg      420
atccggccca gttgggaaa tctttgtgag agaaaggagg tctagatttt gtcarggggc      480
ggcgggggttc caaaagaatc cgg      503
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<210> 5174
 <211> 657

<212> DNA

<213> *Aspergillus oryzae*

<400> 5174

ctttcgttga	tgcacccttt	atgagaacgg	cgggagccca	gtcaggctcg	gtttaaggctc	60
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aggttgaacg	atccagagac	cctgaaggga	ctggaattgc	tccaggaact	ctggacggca	180
ttcaatcttc	cacagggtct	cagggagccc	cctaaaccgg	gtgactcgcc	cgttcggctg	240
ccgttcctgt	acaacttcga	gatgcagtcg	gggaggaagt	tccccaagtc	gaaggtttac	300
tttcccctgg	ctgatgtgaa	tgatcgcgac	attgcgaatg	tggtgactgc	gttctttgag	360
aagcatggat	gtgctgaatt	ggcgaagtct	tatacggaga	acctgttgca	atacttcctt	420
ggtgttgatc	ttgctggagag	cgttgcgttg	cacgcggtgt	tgctcttttc	gtactcggag	480
aaaacgggtc	catatatgac	ggtttattat	cagtggccgg	atagcttcaa	tcagtgtcat	540
ttgactgcag	ccagctcctg	atgtggtcta	cgtgggtttc	tgcgctgaaa	atgcgggcct	600
gttggcctat	tttggcctct	ccgtaatggc	taatqaaact	cctgggacca	tgctctgg	657

<210> 5175

<211> 674

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(674)

<223> n = A,T,C or G

<400> 5175

cctgtgggtc	ccccagaca	agctgaagaa	gcccttcaag	ctcatcgccg	ctatcaatct	60
cctcgtcatt	ctgggactcg	cgatcggtct	catcgccgga	gcccagagtg	gtcccttggg	120
taccttccaa	atctcccagc	gaaccgacaa	tttgggatgg	accttcctcc	acggtttccg	180
cgtcgtgttc	tccggcaacg	cagtcggaat	ggcgagtcac	agcgatttct	cacgtttccg	240
ccgacgacca	ggggcccaag	tcaaaggaca	gctcttctca	ttcctgatct	ccggaaacgt	300
cgtgcccctc	ttgggaatct	tggcactgc	agctgcccgc	aaaatgtatg	gcgacgtgaa	360
cgaactgggt	ctgtggaatc	cgcgaatat	cctgcaaatg	tggtctggaca	accagtacca	420
taataaggcc	atgcgagccg	cggcgcttct	cgtcgccttc	ggcttaacat	ccagtatcat	480
ggccatgaac	tccatcgaga	acgggtgttt	gggcggcatg	gacatcggcg	gactctatcc	540
ccggtacttc	aacatccgtc	gtggatcgta	tctgctggct	gcgatctccg	tggtgatcaa	600
cccggtggcg	attatcgccc	aatgangcat	tttctacaaa	actctgaaca	gttcggagtc	660
atcctcctcc	cctc					674

<210> 5176

<211> 675

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(675)

<223> n = A,T,C or G

<400> 5176

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gaaaggcgag	aaaaccgctc	tggcgctgga	gaatcaccta	agcagcctag	aacacaagat	120
tgatgaactg	cttaacggct	togaaggggc	acgcacaacca	caacccacga	caggaaaagac	180
taattgcccg	gataaaaagc	gggtttcggt	tactttctcag	gclttgaaca	gctcttctaa	240
gtgaaataat	ccatccagag	ccttttccac	cactcccltt	tcagttatga	taccatcaat	300
aagtgcctct	ggggttatat	ogaatgctgg	attccagaca	ttgatccctt	ccgtgcttat	360
gcacacgggt	tccatcttga	cggcttcaga	ggcaccacgg	tcttcgcagg	tgccctctgac	420
cgtagtaacc	tccgatggcg	gcgcgtcctc	gatagtgatt	tcattccctg	atttggtgac	480
taagtcgata	gtcgtgagcg	gcgcagccac	aagaaatttc	acaccatggt	actttgcaag	540

cactgcaaaa	catatgtacc	aatcttattt	gcggatcacc	gtagctgcta	cactgtctgc	600
ccctacacaa	ttgcatncac	gcctatctcg	cttctatcca	ataatgcaac	ttgcctttga	660
tctggtttta	aagag					675

<210> 5177

<211> 1193

<212> DNA

<213> *Aspergillus oryzae*

<400> 5177

ctctttctca	gacagctttc	tgctgttctt	tccttcaaca	acactctcat	tctttttgag	60
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gacttcgtcg	tcggctcgcc	gatacacaac	ttccttgaaa	agtaaaaata	tcattttttc	180
tgatcaatca	atcatatctg	caatggtctc	tctggctaag	actctcgccc	tcgccggcgc	240
cctttttgcc	gccctcgcc	cgcccgctcc	tgtagcaaaag	cgccaggatg	ttgtcgtgaa	300
caccgcgact	accgttgaat	ggactaccgt	gaaggteacc	acgaccatca	ccaccgaccg	360
actgttcag	actcaagctc	agcccactgt	cttggttctt	gcgtctctca	ctcccgctgt	420
aactcctgag	ccttcccagc	cggctgaggt	tctggcgag	tttcaagaga	gtgaggcccc	480
cgagccccag	caatctgcaa	ccatccagcc	ggtttggaact	cccaccccg	ctgagtcctac	540
tacctctgct	actcccactc	cggagcctac	cgaacagccg	gaacctaccg	agcagccaga	600
gcccaccacc	accagcaacc	ctcctgtcgt	ggccccgact	tcgtctagca	ctacctctgc	660
tgcccccaaa	cctaccgcga	gcagccccag	cggtagcagt	agcggatata	ccggcacctg	720
ctccaaagac	tccccgtgca	agggtcagac	caccttctac	gacactgcca	cttcttccct	780
cgccccagc	agctgtggat	acaccaacga	tggcagcacc	gaggacgtcc	tgccccctcc	840
cgctcgcatg	atgaaggaca	gcgactgcgg	ccgcctgggtg	accatgcgct	acaatggcaa	900
ggctcgtctc	ggcaaggctg	ttgacaagtg	catgggctgc	gacagcacct	ccattgacgt	960
gtcgcgccac	atgttcgggt	tggtggcttc	cgaagatgcg	ggccgcctct	tcgatgttga	1020
gtggttcatt	gagtaaatgc	gttgagtgct	agcttcttct	gttgactctt	tgattttttg	1080
ttacttcgct	tcttcgatat	ccataccccc	ttttctcttc	ttaaccttct	tcacattcgt	1140
tttatacata	atttacacag	gttgctccgc	ctggagtatt	ggagctatgt	tca	1175

<210> 5178

<211> 745

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 5178

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gccttcgtct	tcctcttctt	cttggtctgc	tatatcggtc	tcctcccca	cagtgcctcc	120
tcaagtgtcc	catcgcaact	acaacccaat	gacaagcttc	tccatgtcgt	gacgttcttc	180
ctgctgtctc	tcctcttcta	ctggattccc	gacaccacc	gccgacgcac	gctacaattg	240
accttaattg	tctgcaccgc	cgttctggga	attggctccg	agattgtcca	aggaatcttc	300
cccaatgggc	gctcgtttga	cccgtttgac	cttctcgcca	atctcgtggg	tagtctcggc	360
gcagtcggct	tgtagcagtg	gtaccaccgc	cggatgctgg	agaggcgggc	caaagcccg	420
ttcggagctc	ttggagacgc	cacagatgat	gttgagctcg	gcgttgggcc	cggtcatagt	480
gagacgcacc	atgatcagga	ggggctaggg	ccccaggaaa	cggnggtcc	gaatctggag	540
cgtgaggtcg	acaattggga	tgagaatgcc	gtcgataact	gggattcaga	cgacngtgt	600
gatgagcctt	ccggtttgat	cgcggaaggc	tcgaaacctt	ctngcccttg	ctgtaattgg	660
gaccagcgag	aggggaagaa	aacgaatgac	tgattcgatc	tacattagga	tctaaatct	720
aanttgtatg	aaatatacct	cgta				745

<210> 5179

<211> 759

<212> DNA

<213> *Aspergillus oryzae*

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<220>
<221> misc_feature
<222> (1)...(759)
<223> n = A,T,C or G

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<400> 5179
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gttgctactg ccgccgctgc cccggccgct gacagcacct ccgctcctgc tgcgacccccg      180
tcttccaccc ctgccactga tgcccctcac ttcttcggcg tcatcgccat tcaactccgtt      240
agcgggtgtc agaacgctgg cttcagcgcc gccaaagggtg gcctgatcgc tggccttcag      300
aacaagagca acagctgcca ggagaccagt ttctatatca acgacggtgt tctcaacatc      360
tacgatgaca ccgctcgtcc ccaggagatc tacgttgacc gctccggcat gggccagggc      420
aagattggct acaccgtcgg tgctgagccc gctcccaaga acgcccagcg caagggtctg      480
gccatcaagg atggccacct cgagttcgac ggatccagcc tcatcgcttg ccccggtgcc      540
gagggctaca gcattctggg ctcctctggt gtcgttaacc cgggtggcaa caaggattgc      600
attggcattg ctgctcacgt cgttggggacc aaggagacca agccttgctg ggccaactaa      660
gtttgtgctt tagtggttcg ttcttttgcg canagacttt gataaaggct cgatgtctct      720
ttgtgcgtct tcattgtatt aagcgatttg tgaataact      759

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<210> 5180
<211> 659
<212> DNA
<213> Aspergillus oryzae

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<220>
<221> misc_feature
<222> (1)...(659)
<223> n = A,T,C or G

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<400> 5180
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aatcggcagg agatgttttc gcattctccc cggctgagga acaaaaaagg cgggaatcgc      120
ttatttccac cctcactgct tcgtctgctg aggcagttta ctggctcacg gatgagaaag      180
gtgtcgactt gagcaagggt tgccgggttg ggggacatag tcgcccgcgg acgcatcgtg      240
gggctggtea gcgaccgctt gggatttcta tcgttagcac gcttttgat tctttggaga      300
ctagttccct gtttcagctt cggtcggggg ctagggttac gaagggtgtg cgcgaggcgg      360
atgaggtctt angggtccag tatacagggtg gtgagaagac tgaaacggag gacaatacta      420
ccactacgct taatgggccc gttgtgtttg caagcgggtg atatgcaaga gatgcgcatt      480
gactgcttgc caagtatcgg cccgatttgg ctgggatacc ttcgacgaac catgctgttg      540
agggaaacaca gcctcttctc gagaatataa gcgctgggtt agtggatatg gaacaagttc      600
aaatccatcc gacccgattt gtggatgaga aagaaccctc cgcgtctgtt aagattctg      659

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<210> 5181
<211> 654
<212> DNA
<213> Aspergillus oryzae

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<220>
<221> misc_feature
<222> (1)...(654)
<223> n = A,T,C or G

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<400> 5181
aaatggacag gaggggtacg cacttgccca tcaaatcaac tcgtccaccc cttgggtgaa      60
ctctcatcaa cttgtcatag gtgattaaat ctccgtatgg acctggaatc caactcccaa      120
ccctttaaac cgcacttggc cgatcaagat gtgcaagatg ctacagatct cgctgcgatg      180
ggccatgacc aggcctccac gcgcaaatte gacctgtgga gcattgctag cttggcattc      240
tgcgctctag gaacatatte aacttttgcg caggatctca gcagcggttt aaccaacggc      300

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ggcgctgtcg	ctattctctg	gggtctcggt	ctggtcacag	catgtaacct	ctgtgtcgcc	360
ctatctcttg	gcgagctcgc	cagtagcatg	ccgaccgcgc	tgggtcaggc	gtactgggtc	420
tttcgactat	gggatacccc	cttgggtcgc	tttgcttcgt	acatgtgcgc	gtggatcaac	480
accttcggct	ggtggacggt	gaccgcgtca	canatcgct	tcatgaccga	gtttcttctt	540
ggcatgaagg	tcatgttcga	gccgacgtgg	gaagggagct	ggaccggggt	gcttgaattc	600
ctcgtctaca	tcggctgggt	ccttctcttg	accgtgatca	atggtggcgc	ggtg	654

<210> 5182

<211> 653

<212> DNA

<213> *Aspergillus oryzae*

<400> 5182

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cgcccgatcc	lgccgcagct	gtgattaagg	caacagatgg	tgtaggggag	catggagtat	180
tgcgcacagc	tcctggggcc	latoaaacgg	ngttatcata	cgccggtaat	cgcatlqgag	240
cggttgctar	gtgtatcgga	ttaggtccca	ctggcqaat	gactatcggt	ggagatccca	300
atgcttttat	cttcaagaac	ctgacggtca	aggggacott	ggtgggtagt	cggaaggata	360
cagcggcgcc	attggacttt	gctcggcggt	ggaagctcca	acaaatttgc	gaagtttato	420
caattgaccg	attgcttgaa	gcagtagaga	aactgcgaaa	aggacaggcc	acgggacgaa	480
tggcggttga	cttcaacaag	taaatcgcat	tgatggaaaac	aactcgggaa	cccccgga	540
caaaatgccc	aggcgggcac	acgaataatt	gccgtcttcc	cttgaccag	tgcctaagg	600
agaaaatttt	tgaatgtcat	acaacctatt	tgtgggggaa	atttttctcc	ggg	653

<210> 5183

<211> 705

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(705)

<223> n = A,T,C or G

<400> 5183

cggaattagc	tctgtccgaa	ttcggcacga	ggccattggc	cctcatatcc	ttcacctttt	60
tgggtcaatt	ctttccccct	ttctttctcat	atccccccc	tattacaatg	aggtctacat	120
tcgggttgct	ggccaacgct	aagccggccc	ggtacctgga	gcctttcgct	cccaccggta	180
tcaccggcct	tgtaactcat	cccagtcccc	gcccgacttt	gatctatctc	tacacaacta	240
ccctgcagaa	gttgaaggcc	ttccccgagt	cttcctgtcta	ccgccagtct	accgaggctt	300
taaccgcgca	ccgcctgcaa	attgtcgaat	ctacgaaacc	tcctggctat	gaggcttggt	360
tggagcgcgt	gaagaaggct	attggtactg	aacctgagcg	gttcgcctct	ctccttcgccc	420
cagatggcac	gtacycggca	gtcatgcgca	ggatggaaag	cgacaatcct	cggtggtgagg	480
agtgggatgg	agaagccctc	gagccgacca	gtgaaggccc	tgcccgtacc	ccagaggaag	540
aaagtcgggtg	gcactcagct	atcgaagatt	cggttaaggc	agagaacgag	tctgatttcc	600
aaactcatgc	tatgaagtgg	gagaacgagc	tcgccttgga	agcagagcag	ggtgcogaat	660
tcgagatcca	gattggaggc	tggcctattg	aggaggtcat	ncaag		705

<210> 5184

<211> 717

<212> DNA

<213> *Aspergillus oryzae*

<400> 5184

cagatttgat	tgagttttac	tatcagctca	gatcgctctc	aacatcaatc	agacctttat	60
ttgattttoga	ctgtagacta	ggctcctact	cgcactttga	cacatgacg	actcttcaact	120
atttacctcc	ggtgaagccc	tctgctattg	ctctgggcac	gtttttcaca	cacaccgcgt	180
ccttggggaat	actggtcctt	gtcttcggtg	acacttacca	tctgtgcgag	gcagccaaca	240
cgaaaagagga	attcatcaag	tccaaagagg	ctgcgggggc	tgccgcagcc	tggggaagct	300

ctttgggtcgg	tagtgccatg	caaacttatg	gagtgggtgc	tctgattaac	gcaaccggga	360
cgctgagtta	caagggcgcg	gcgtatctgg	gaagtctgat	tttcatggct	agctctgcac	420
caagtttcat	cagccaaatt	tttaccgaga	agcggcctct	ggatacagtt	gctgtaggtg	480
cagtgagccg	agtcttcgag	acagtcgggc	ttagtttatt	ccttacttgg	tggggtacgc	540
gtacgaatcc	tttcgattaa	gtatacctct	gttatgcttt	gaatatgata	tttgcttgag	600
aggctatcca	actttgtgga	cacggttcat	aggcgtgctc	agtaacatgtt	ctgggtgctca	660
tgctgtaatg	tggaagaaaa	ggtacatgga	accaagtaat	ttcaaactac	aaagggg	717

<210> 5185

<211> 675

<212> DNA

<213> *Aspergillus oryzae*

<400> 5185

ccgcgcgcaaac	caccataata	gctctctacc	agtcgcttga	gtacggcacc	aatcgctcat	60
cctatttgaa	ccggttccct	attccactta	tccggtatcg	tcattggctgg	tctgaggaggc	120
ggtggagggtg	gtcgcaagac	cttgcctcgg	ccgattccat	ttattttcaa	gcttcttcaa	180
cagcgtctcca	ccgtttcgat	ctggctctat	gagcaactgg	ctttccgtat	agagggcaag	240
atcaggggat	tccatgagtt	catgaatctc	gtcgttgatg	atgcagtggg	ggtcagggttg	300
gctacaaaga	ccggagaaga	gaagcgcagg	cctcttggcc	agatccctgt	taagggagat	360
aacgtctctc	tcattccaagc	cgttcagtga	tcattaggggc	cttaggaagc	atacagaaaa	420
gaaatttcaa	aaatgttttg	ccaggtacg	acaatatcta	cttctcttta	atcatgtctt	480
tttacgggtt	cccgctggga	gacactcttg	cacatcaatt	aaatacacgg	agttctgaca	540
cgagagggaa	ttcttttttt	gggaactata	attagtgggtg	acggacgaag	cacctattgt	600
cgccgacgat	gagaacatct	acttgccagt	catggtttgc	aacgggtata	tgttcgggtcc	660
gaggcaaaagt	ttgct					675

<210> 5186

<211> 304

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(304)

<223> n = A,T,C or G

<400> 5186

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ggcctgaggg	gcgtatttac	cttctgagcg	cgatggcgaa	ccagcttcgg	tatcctaaca	120
gtcacaccta	cttcttcagt	ttcgcgattc	tcggtttggt	cggttccgac	tactcggaac	180
aggatgagtc	cgacattcgc	cagcagatta	ttcgggtgct	acttgagcga	cttattgttc	240
atcgctctca	tccttqqqqq	ctgattataa	ctctgcagga	actgcttcag	aatcgaagct	300
acan						304

<210> 5187

<211> 720

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(720)

<223> n = A,T,C or G

<400> 5187

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cggttccggag	ctcagattac	gcagtgaacc	cttgatcctc	gattgaagcg	gacccggtcc	120
caatccctta	tttatcgacc	cttattccga	cgttctcctt	tcctgttcgg	cgcactccgc	180
acctccatc	atcatgggtc	acaaagtctt	cttctggggc	ggcttcggca	tcgcagtcgg	240

tctctggcag	ctcgggtatcg	aaatgcgtcc	nattctcggc	aaggaatctc	tctgggtgta	300
ccctctcttt	gccgggtgtcg	gtagcagctt	cggatactgg	ctccagggcg	ttgaggacag	360
acagctcaag	atccttgccg	agcgccgcga	ggctatcctc	gaaaagcgct	ggagacgtga	420
ccagggcaca	ttgagcaagg	ttgaggaggc	cggcactctt	gccgcgacgt	cgtgaatgtg	480
atattttgag	ttctggagaa	ggtgggtgaa	ggacaggatt	agaagacgat	ggctgtgtta	540
gtcgacttga	ctggccaacg	gtccagtcgt	tcttgatatc	aaattcgaac	ggttatgctc	600
gggctcctgt	tatcgaaaaga	ggggaaggca	tgacggcttt	agtgcctatg	agcaagacct	660
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<210> 5188

<211> 955

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (955)

<223> n = A,T,C or G

<400> 5188

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acctgaacc	gcgtccccag	cttccaggat	atcctacaag	gcaggatgac	ccaccagac	120
atttccgttg	acgttctcgt	cattgggtgc	ggccctactg	gtttagggtc	cgccaagcgt	180
ctcaaccaga	ttgatggccc	ctcctgggtg	atcggggaca	gcaatgagac	tcctgggtgt	240
cttgccttca	ccgatgtgac	ccccgaaagg	tttctctacg	acggtcgagg	tcacgttatt	300
tttttccact	acaagtactt	tgacgactgc	atcgacgagg	ctcttctctaa	ggaagatgac	360
tggtacagcc	accagecgc	ctcttacgtc	cgttgccagg	gccaatgggt	tccttaccga	420
ttccagaaca	acatctccat	gcttccccag	gaggagcagg	ttaagtgc	tgacggtatg	480
atcgatgctg	ctcttgagge	tgtgtttgcc	aacaccaagc	ccaagaactt	cgacgagtgg	540
atcgtttcgca	tgatgggaac	tggtatcgcc	gatctcttca	tgcgtcccta	caactacaag	600
gtctggggcg	tgcgccacac	caagatgcga	tgtgcttggc	tgggtgagcg	tgctgcgcgc	660
cccaacgtca	aggccgtgac	caccaatggt	attctcaaca	agaccgctgg	taactggggg	720
cccaatgcta	ctttccgctt	ccccgctcgt	gggggtactg	gtggtatctg	gattgcagtt	780
gcccagactc	ttcctaaaga	gaacactcgt	ttcgggtgaga	agggcaagggt	taccaaagtc	840
aacgccaaaca	acaagaccgt	ccagctcgcc	gatggcacca	ctgtcggcta	caagaagctc	900
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<210> 5189

<211> 1762

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (1762)

<223> n = A,T,C or G

<400> 5189

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tgagtaccta	ttcaggcgac	ttcgtgaggt	tggcgllcgt	gcagtagcag	gttcttctgg	180
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tgttttagtc	accacccctg	gtgtgggtga	gctatcggcg	ctcaatgcta	ttgctgggtc	360
atactccqaa	tttgtgcta	tctttcacat	tgttgggtcaa	ccgcatacga	aatcacagaa	420
agatgggaatg	ctctccacc	acaccttng	caacggcgac	ttcaaggtct	ttaccagaat	480
gagtgcgcag	atctcttgca	cacttgggat	tttgaactca	actcacgaag	tggcgacctt	540
cattgataat	gctatccgag	aatgttggat	tctgaatcga	ccggtttata	tctctctccc	600
tacogatatg	gtgacaaaaga	aaatcgaggg	agaacggctg	gataccctc	tcgatcttag	660
tctaccaccg	aacgatcccg	aaaaagaaga	ttacgttgtg	gatgtgggtc	tcaagtatct	720

gcacgctgca	aagaaacccg	ttattcttgt	cgatgcttgt	gctatccgcc	atcgtgtgct	780
cgatgaagtt	catgagttcg	tggaaaaatc	tgggctaccc	acattcgtgg	ctccaatggg	840
taaaggagca	gtggatgaga	ctcacaagaa	ctacggcggt	gtttacgctg	gtactggatc	900
aaacccaggt	gttcgtgagc	aagtcgaatc	ttcagacttg	attctgagca	tcggtgctat	960
caagtcggat	ttcaacacga	ctgggttctc	ttaccgtatt	ggccaactca	acaccattga	1020
cttccatagt	acatacgtgc	gcgtccggta	ctccgaatac	cctgatatca	acatgaaagg	1080
cgtccctcaa	aagattgttc	aaagaatggg	caatctcaat	gtcggaccag	tctcgccgcc	1140
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gctctggcct	actgtcgggc	agtggctgaa	agaaaaggat	gttgttatca	cggaaaccgg	1260
cactgccaat	ttcggatatc	gggacactcg	gttcccggca	ggtgttacag	ccattagtca	1320
ggttcttttg	ggtagtatcg	gctattcagt	tggagcttgt	caagggtgctg	cgttggccgc	1380
aaaagagcag	ggccgacgga	ctgtactttt	cgtgggtgac	ggaagtttcc	agctgacgct	1440
ccaggaagtc	agcaccatga	taagaaataa	ccttaacctc	atcatctttg	tcatttgcaa	1500
cgaaggatat	accatcgaac	ggtacattca	tggatgggaa	gctgtttaca	atgacatcca	1560
gccctgggac	ttcttgaaca	ttcctgtggc	attcggcgcg	aaggacaagt	acaaaggata	1620
caaggtcaca	acccgagacg	agttgagggg	gcttttcgca	aatgaagaat	ttgcttcggc	1680
acccgtgtct	cagttgggtg	agctccacat	gcctcccgac	gattggccag	ccagnttgaa	1740
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<210> 5190

<211> 671

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(671)

<223> n = A,T,C or G

<400> 5190

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gtgaagcacc	agggcaaacg	tcatgaggtc	gagcttgatc	tatcctcgaa	cggtgaaacg	120
cttaagtacc	aattatatcc	cctcacccgc	gtggaacccg	aacgacagaa	aattctggtc	180
aaaggaggac	aacttaagga	tgaaccccc	ttgtcctcgc	tcaacgccaa	accggggccag	240
acattcatga	tgatgggcac	gccatctgga	ggccaaggat	ccggggattt	gggccgccca	300
aaagaagcag	tgaagttctt	ggaggacatg	acggangctg	aggctgcaag	agcagagggg	360
gctattcctg	ctggccttca	gaaccttggt	aacacttgct	accttaactc	tacactgcag	420
acattgagaa	gtgttcccga	gttccatcag	gagcttctga	gatatcgccc	ctcaacagggt	480
gctgctggag	catcgaacct	ctcggaactc	accagttttg	gcctgggttg	cctcggcgcc	540
taaatggatc	ttacgtcttc	gtggcggaat	caatccaacc	aattgtttga	accccagaag	600
ggattccccc	tetaatgtcc	ctgaaggctt	taaggaatgg	gttccccatt	tggcccaaaa	660
atatcaacgg	g					671

<210> 5191

<211> 837

<212> DNA

<213> *Aspergillus oryzae*

<400> 5191

cttttatact	ctccctatcc	tttaqcaact	agggetcctt	tgagagggct	taaataacgt	50
gagggaggat	ccagtaactc	gttgaagtc	ggggaactc	tacggctagt	aaagcgggct	120
ttgttcttga	gccccgcgag	aattctgcct	accatccgag	cgcattcggt	acaatgggct	180
tctcgggaga	aaagaacgat	ggcatctcgc	cagagatgaa	tagagagttg	tcccgcgaca	240
tcaccaaagc	agaggagggt	atcgtcgcgg	aagagcacca	tgtcgacctc	caccgggacc	300
tcaggcccg	tcataattact	atgattgcta	tggagggtgc	tatcgggaca	ggtcttatta	360
ttggaacggg	agaagctctt	gugaaggctt	gccttgagc	aatcctaatt	tctatttcgg	420
ttgtcgggtc	tgtcgtctat	actgtcatgt	gcggcctgtg	agaaatggcc	cgtttgctgc	480
ccttagcttt	cctgggtttaa	ctggttacgc	tggttcgatt	ctgtggaccc	gcttcttttg	540
attggtctctg	ggattggaca	taactgggtta	aaaattataa	ttctcacgcc	ggatcaacta	600
acaagttgcc	gcgatgggtt	atccattttt	ggataaagcc	ggacaaaagt	tacgcaggct	660

gttgaatta	caatatttcc	ttgtgaacat	ttgtctggaa	tttactactt	tggggtgaag	720
gtttttcggg	ggaattccag	gttctgggct	ggcgtggctc	ttaaagggtga	taagcacatc	780
cttcggaatt	atctctggtc	cttctttcaa	tcctggatgg	ctgcaagggtg	ggccccg	837

<210> 5192

<211> 687

<212> DNA

<213> *Aspergillus oryzae*

<400> 5192

ggatctttca	tcagacgcag	acctaggatt	cacagatcgc	cagatccttc	atgatagagt	60
cacggacttc	tttattcagg	cagctcaatt	gtcgccttcg	ggtgcacaaa	tggacccaga	120
tgtgcaggtc	ggtttaggtg	ttcttttcta	ctgcgcggag	gaatatgaca	aggccgtgga	180
ttgtttctct	gccgccttgg	cctccactga	gtcgggaact	gtgaaccagc	gggaacagct	240
ccatctgctg	tggaaaccgtc	tcggagccac	tcttgccaac	tcgggtcgtt	ctgaggaggc	300
cctcgaagct	tacgagcaag	ccttqaatat	taatgccaac	tttgtccgcg	cgagatataa	360
cctggggcgtg	tcattgcata	aratcggttg	ctacccagaa	gotgcctcagc	atctgttggg	420
tgcactgtcc	atgcaccgtg	ttgtcgagca	ggaaggccgt	gagcgcgcc	gtgagattat	480
cggcggagac	ggtgtcgacg	atgaacagct	tgagcggatg	attcatatca	gccagaacca	540
gagcaccaac	ttgtatgaca	cctgcggcg	tgtgttcagc	cagatgggac	gtcgggatct	600
ggccgacatg	gtcgtggctg	gcattggatgt	gaatgtcttc	ccgaagggaag	ttggaatttt	660
aatgatgccc	atttaatttt	cttttgg				687

<210> 5193

<211> 665

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(665)

<223> n = A,T,C or G

<400> 5193

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cagcagtagc	acggagccca	gggtaacggc	caggccaatc	cttctcatat	gccgccgccc	120
cctcgtctct	cggtttgtat	tcgcgagaat	accaatccta	ttcccacggc	gacacatct	180
ccgatgtctg	ggaacatgat	gtccccaacc	agcgcggcg	ggtacgtgcg	ccgagctgcc	240
ccagagccaa	acaaaagagc	tctttatggt	ggcgtctctg	accaacgggt	cactgaggat	300
atcttgaaac	aaatctttga	gactactgga	cacgttgtca	gcgtgaagat	catccctgat	360
anagacangt	tcaacagtaa	aggatacaac	tacggcttcg	ttgagtttga	cgatcctggc	420
gotgcgcgaac	gagccatgca	aactctcaac	gggcgcgcta	ttcaccaatc	ggaaatccgt	480
gtcaactggg	cttaccagtc	caacagcacg	aacaagggaag	atacttcgaa	ccacttccac	540
atcttctgtg	gggatctgag	caacgaagtt	tacgacgaaa	tcctgcaaca	gggtttctca	600
gcctcggggt	cggtttccga	ggccgtgtta	tgtgggacat	gaaaactggg	tcgttccgtg	660
gotaa						665

<210> 5194

<211> 667

<212> DNA

<213> *Aspergillus oryzae*

<400> 5194

cgcacatcga	cttcgacacc	ctcaccaacc	acgtcgccaa	accagtcacaa	ccgtcgagat	60
ggccacaggaa	cgtctcggaa	tttgtggtcg	tctgaacaag	ggccataaaa	ccacccccc	120
caaacacccc	aagaccctgt	tcagccgcac	caagggccag	tcctcccgcc	gtactgcctt	180
tgttctgtgac	atcgtctgtg	aggttgtcgg	tcttgccccc	tatgagcgcc	gtatcatcga	240
actcctgaga	aacactcagg	acaagcgtgc	tcgttaagctc	gcbaagaaga	ggctcggtac	300
cttcggccgt	ggaaagagaa	aggttgagga	catgcagcgc	gtcatcgctg	agtcocgtcg	360
tgtcactgggt	cactaaatcc	gtttccattc	aatccaataa	agctttctcc	tattagccaa	420

agaaaagaat	gagataacga	aacgatgaag	tgagtcttgg	tggccgatca	catggagtgt	480
gggggaggtt	ctgtccatac	ggggaagggg	gaaatgacaa	cccgacctac	cttctttgct	540
tctatctctc	ctgggatata	ggaatggagg	caagggacat	aattccatag	gcgtggacaa	600
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cttttac						667

<210> 5195
 <211> 671
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(671)
 <223> n = A,T,C or G

<400> 5195						
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atgagaacga	gctaaaaaaa	ggaaagaaag	gaaaaaaaaa	aaagaaaaaa	gcacatcatg	180
ggtcgctttt	ccggcgccgc	gagcagactg	catcgacccc	tgcaactcag	cggtgatacg	240
gatcagtgga	ggaatcgaga	tctgatcccc	ttgcctccag	atcgcacaa	ctgggtccagc	300
tgggaacttc	tctatctatg	gagcaccgtc	ttcttcacca	cattcggtctg	gcaaatcact	360
tctcgtctcc	tgggccttgg	tttgaatgtc	tggcaatcca	ttctctgcaa	catcattacg	420
aaattcctcc	agacggccgt	ggtgtttctg	ggttgcattg	ccggtggagt	ctggcacatt	480
ggcttcacgg	ttactctctg	ctccgtgttt	ggaatgtggg	gatcgtatgt	gccagtcatt	540
ctccgtatta	tctctctgat	tatttggtat	ggcggncagg	catttacggg	cggccagctg	600
gtggggatta	tctgtctgac	aaaattttct	cggctattat	tatatggggg	aacacacttg	660
ccagaagtcg	g					671

<210> 5196
 <211> 676
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(676)
 <223> n = A,T,C or G

<400> 5196						
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gctctaatcc	ccgctgagtt	tgtcaacatg	aaaaatgcga	aagatgctac	gccttgcaat	300
ctgaaaggca	gtgaaaagga	aaaagagaaa	cccagcaatc	agcagatcag	taaggccagc	360
actgtggaaa	tggccattga	ttatatataa	gcattgaaga	aggaactcga	ggaaaacgaag	420
ggcaagctag	aggetgctga	ggctcggcta	ggcgagaaa	agacttctca	agcccacgac	480
ggcgacttag	ttagccctga	aatgagcaaa	ttcggaaaaa	ccggcgaggt	tgtaggtgtg	540
cttacaagcc	ctgcaacgaa	tggccctgca	taagctttac	atggagagat	cgtagtgatt	600
tgaaccgaat	gggtctcttt	gctagagcac	ctgttttaag	tgacatgctn	taagacagca	660
gaaatcggga	aactgt					676

<210> 5197
 <211> 665
 <212> DNA
 <213> Aspergillus oryzae

<220>

<221> misc_feature
 <222> (1)...(665)
 <223> n = A,T,C or G

<400> 5197
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 accgaagcaa gtgcgcacct gcgtaagaag cttaaatatg gaaacttgca tcgccaaacta 120
 agagctctca ctatctctga tttcttgatt caaaatgccg gagaccgctt tttacgggaa 180
 tttgcagacg agcctctact ggaacgtctg cggatcgctg ctacggaccc catttctgat 240
 cctctagtca aagaaaaatg caagcagatc ttcggacagt gggcagtatc ctacaagaac 300
 acacccggca tggaaacgtgt gacaggcctc tacaggcaat taccgaaacg caaacagccg 360
 gccaatcaag ctaaaagcga gggttctccg gagtctggca cttcggacga acctcaaatg 420
 ggccacaccg tgtccatctc tgcgggcaat ggcccggcta cagttctaag tggccctaag 480
 cacaaacata ctttcagcaa atctctcnng aaggaaaaga aagagaagaa agtttgcgga 540
 caagactctt aacctcgaaa aggagaagcc cgaaatttta cagacaactc gctctggatt 600
 cggcgctagc acgaattctt taaaacgcac ctaaacttgg tcacccgaga aaaacaacgg 660
 ttggg

<210> 5198
 <211> 637
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5198
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 ctagtgcggg ttggatacac taagagccct atggctgctt tagttgaaat tcgatagtgg 120
 atagtggagc gaccaagctt tccgtactcc gtaaataatg cccgaaactt ggagcaaccg 180
 ttacattctt cccccagaga tcggcggact ctgttcttca aaccatgcag tgtacttgcg 240
 cccatttgac ttccggtccat ccacaacctt gatgcttgat ttcccttcggc agagtatttg 300
 ccgtgcgctg gacactccc gaggaccttg cctgtaatcg caaatcgact ggaatagggg 360
 tgtgcaatgc acttagcdaa cagggctcca tggcatagga atcaaaatcc gactctgcac 420
 gctttggatc agagggagag tcttgtgcac agtctctgcc catccttcga taccatga 480
 ctgctctcgg cgaatcttgc gttcttcgag attcgcaaat tggcacaggt ggtgcacagt 540
 gttcaagtcg ccaatctgaa caaaccaggc accgactccc tccatgactt cagcagcagc 600
 cctgaggccc gttcgccagt gcgattccca ctccaag 637

<210> 5199
 <211> 1262
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5199
 gaaaaaacgc gaaagcaactg acagcacccg acctgatgct cagcgactga accgctctctc 60
 caacgggaagt aacggcagta ttccagcccc cgatacccaa cctaaatttcg gccatgcctc 120
 gcttggtctc tatgatacgc atggcctccc tgggtgcagca tgggagctta acattgacca 180
 gcaaattctc caacatgtcg gtccgcagaa cggtatctct gatgagaatg ctctgacagc 240
 taaagctgct ttagccgcgc aaccaaccga gaataaatac ccacctcccc cagacgcgac 300
 atttgacagt agccttccac acggcctgac cttcggagat gaaatgggccc aagcgatagg 360
 tggcgctcat ggtaacaatt ccactgctgc tggctgtctat gctgcgcgcg aagcgcaaaag 420
 ctatgaaccaa aagccctccg ttgggtcggc ggaatgqcat caaatccgca agaacaacca 480
 caaagaagtg gaacgtcgac ggcgtgaggc gatcaatgaa ggtatcaatu aaattgctcg 540
 tcttggttcg aattgcgata agaacaaggg tgcctattctg caacgcgcga ttgaatadat 600
 ctgtcaactt catgaagaaa agaaggcgat gagcgagcga tgggaacaga ataactgac 660
 taogagtcac gccatcaacg aaatcagcgc abagaactcc aaattaaaag tgcgaattaa 720
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 acatccggtt cacttctctt tgcctgcgtat acataagng cgagaattca tctctgcgat 900
 gatcttctgt ccgtactaaa cgtgccacga cttatatact tctcttttgg aaggctggaa 960
 atctgacat agccactctt tctggacatc tcttttctc tgcacatctc gatgggcctc 1020
 cctcccttga acaaaactttt ccagatctgc cgagatgcga tctaacaacg gcactcgtgt 1080

tttatggaat	ttgcaggtac	agtctgagta	catcttccac	tgagagtgag	tacgtgacta	1140
gtctttacac	gctaattggt	taagcctggg	tgcggaattg	tgagatgttc	ttttctctat	1200
aggcgtcacc	cctccagaaa	ttgcttttgc	tcactctatt	atcttcgtga	cgctatcttt	1260
aa						1262

<210> 5200
 <211> 653
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)... (653)
 <223> n = A,T,C or G

<400> 5200						
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cacctctctc	ccccgcgtcc	agctttcccc	gctcccggac	caccccgcca	cgatgtcttc	180
cgcctctgcc	tctaccccg	agacaatccg	ggacgacgtc	aaggctcgccg	agaccaaggc	240
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gagtgtaactn	cgggtgcaaat	gatgttgtga	aaagacggtc	gccgccaggg	tcttggtcgc	420
gaatggatgc	tggtggttct	gctcctctgg	cgaataaacc	cctattgtcg	ctggcagctt	480
ctgggggtat	gaatgtggcc	aaacgcctcg	taacaaagtc	ttccgaaggg	gcggtgaaga	540
ccaacacccc	ccatacacca	ttgggcaaaa	ctcccgcggc	ggtttttttt	tccgcattcc	600
ccagaacctt	aatacagctt	ctttttaacc	aaacaagggg	cccttgccaa	acc	653

<210> 5201
 <211> 822
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5201						
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tcccctctca	gcctcttggt	ctactctacc	aggacttcag	aatgtctaaa	ctgtttatcg	180
gcggcctggc	atggcacacc	accgacgaga	gtctccgttc	tggtttcgag	aagtacgggtg	240
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gcggcttcca	aggccgtggc	gggtacaacc	agcgcggagg	aaacggtgga	ggatacggag	480
qatatgggtg	cggatctcgt	ggaggatatg	gtgacggcga	ctggcgcgaga	agcgatggta	540
actaggetaa	ggcccttggc	tttaactaaa	gcgtggattg	aagtacgggtg	caggtggact	600
gacccctttc	gtgcattggg	taaacggact	tcctcgctca	gataagcttc	tatctcgata	660
aatacttcat	gaaacacggg	ccgcagaaga	agaattaaac	gcaatattac	cgcggaacca	720
tggttttaag	aatcacggat	gccttatctt	tgtttttaaa	ggcatacccc	attactcgtt	780
aattattgaa	tttccatgac	acagagacca	attgcaattt	at		822

<210> 5202
 <211> 574
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)... (574)
 <223> n = A,T,C or G

<400> 5202

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gctacccacg	cgggatttta	gtatgcegt	caatgtgatt	atccttacca	gcacggttat	180
cgctctancg	ttcggaagca	tcttcaacct	tttagtccgt	cgttcgtct	ccgccgaaga	240
ggcagccgct	ctcacatcac	acacattana	ggccctcttg	caagcagagt	cctaacaatt	300
cgggacgga	ttaaaggaaa	aaaccctaaag	ggtaaataac	cctgtcacat	tataaacaata	360
ttatgcccat	tccttttttn	ttcnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	540
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<210> 5203

<211> 662

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(662)

<223> n = A,T,C or G

<400> 5203

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cgtctctttg	cgctctctct	ctcgcacata	cctgtctcag	cggacacgga	gatggcagtc	180
caccgaggcg	gaggctgctg	ccctgtcaa	tcccaagatc	agccagattg	ttgaccagat	240
cagcacattg	acgctgctgg	agaccgccga	cctcgtggcc	accctcaaga	ccgcctcaa	300
catecccgac	ctcccgcttg	ggggtttcgc	catggccggc	ggtgctgctc	ccgcgcgtgc	360
tccgcgcgag	gaggaagagg	ctgctcctgc	cgcccgagg	aagaccctct	tcaacctgaa	420
actcgagtcc	attgacgcgc	cctccaaggg	caaggctcgc	aaggagatca	agtcnctcct	480
cgggctctcc	ctgggttgaca	gcaagaagtt	cgtcgaaatc	gtgccaaagg	tctcaagga	540
gtccgtgccc	aaggaggacg	ccgagaagat	catcgagacg	ctcaaggccg	tcgggtgccag	600
gggcatcatg	gagtaaaccg	ggaataaaat	ttcgatgaaa	tgatttatcc	tggtggatgg	660
cc						662

<210> 5204

<211> 1015

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1015)

<223> n = A,T,C or G

<400> 5204

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gcaagatgca	aaaccttacc	aactatcgga	tgagagttac	tcttaacgat	ggccgacaga	180
tgacgggtca	aattgctgca	tttgataaac	acatqaacct	cgtcctcgcc	gatacagaag	240
aattccggcg	cgtcaagcgg	aagtcacaag	cggctgctgg	acgggttaac	gcttctctcg	300
tggaatcgga	agagaagcga	acgctcggtc	ttaccattgt	gcgcggtaac	cacgtcgtct	360
cttgcctcgt	tgatggaccc	cccccgccag	acccctctgc	acgaattgga	acaagcgtcc	420
cagcgctgcg	tgcctgcgca	gcactctcgc	cggcgggtcc	tggaatcagc	aaaccgctg	480
ggcgtggtct	actgtcgga	cttgagggcc	ctgctgctgg	tggtggagga	ctccacctc	540
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tcgctggccg	cggagcgcc	cccgaggac	ctcctggttt	cgcctctccc	ccaggatttg	660
cgcctccagg	cggacctccg	gccgntttc	aacccctccc	agattccagc	ctccggccca	720
gggacgtgaa	ttcttccac	cagaatttgg	aggacggtga	acttcccatg	tcaaccggac	780
cattcgctaa	cattattcca	accccaattg	aaccaggcgc	gcttactatg	gttggatata	840

aaataccgct	tccatatcat	atacgtgtcc	aaagataagc	ttaccacacc	gagttttacc	900
gccaaagggt	ttgcggcggtg	cgcataatcca	ggaattgccc	cattttatacc	aagggacccc	960
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<210> 5205
 <211> 431
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(431)
 <223> n = A,T,C or G

<400> 5205	
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actcgccgag	120
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cctgatccct	
cccaagatcg	
cttctcctaa	
cgcatttggc	
gctgcctaaag	180
atgctgcccg	
tatggaccgc	
gttgtgaact	
tctatgcccg	
ccttccccgt	
ggctcggctc	240
ctgaagttaa	
gcctactggg	
ctcattggcc	
gctaccaggc	
tcgttacttc	
ggcaagaacc	300
cctctgctgc	
tcccccttgc	
cacgccatcg	
gtggcattct	
cctcctcggc	
tacagcatgg	360
agtactactt	
ccacctccgt	
caccacaaga	
accaccnca	
ctaaattttc	
tcgctatgat	420
ttgagggggc	
cggaagattc	
gtgtatatac	
cgtgaccta	
gaatgaagca	
atgtaaaaca	431
cattcaagct	

<210> 5206
 <211> 1033
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5206	
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cgtccattcg	
ccgttccaac	
ggcgcttcgt	120
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aaacgggcaa	
cactgctcga	
ttcttccaca	
actcaccgat	
taagccatct	180
caatccaagc	
ctctcgcccc	
ggccacctcc	
tctatctttg	
cgaatctag	
acagaccttc	240
cagaatgcct	
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cctacctacg	
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gacttctgta	
tggcgccgcc	
atcgttggtg	
gaaccatcct	
ggcgaccaac	360
atgatcttca	
accgcgaaac	
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ggcgccatgg	
ctccctacga	
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gctttcaacg	
tcaccacaggc	
agccctcttc	660
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tgttcatgca	
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cttgcctcgtg	
ctggctcttta	
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ctggctctgc	
tcctcttgct	840
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caccttaatg	
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agatctggct	
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tgggtgggtt	
cacactctac	
gatgtgcaga	
aggtcctgca	
ccactcgctg	960
atggctgaga	
ggggccttat	
ccggagggat	
gttgtgaacg	
agagcatcag	
cctcgagctt	1020
gacttcatta	
acatcttcat	
ccgtatggtc	
cagatttttg	
ccatgcagcg	
caacaacagg	1033
aaataagcta	
ctg	

<210> 5207
 <211> 719
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(719)
 <223> n = A,T,C or G

<400> 5207

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ttgtcactca	cccacgtcag	accctcctgt	ataatctgtt	cgatattgag	caagcgcgga	180
aggcccttat	cgcggtcttg	ggcctgacta	cgaaagtgga	tgtgactgag	atgctggaaa	240
agcgagtga	gagtcggttc	agccatcgct	acgtctatgt	accactccca	agatcattag	300
aaggcttttc	cgaaatttgt	cgagctggtc	tggacctgga	agataaggag	gtttcggact	360
acttgggaaga	ggccaatccc	gagacgcgct	cacttatcac	atccgaaaag	ttcgcaaggg	420
tatttgaagg	gtggagagcg	tatttgcagg	gcctgtggag	tgatgaggcg	tttcaagcgc	480
atttacggag	gatattcttt	caaactagat	cggcaaagga	gttctttacc	agcgctttga	540
ttggcatgac	ggagctgcat	tacagcacct	acgacccccc	aggcggagct	gccacgctcc	600
agatcccaac	gccaaccacc	tttagcagcc	aaagcctatc	ttgtccaaaa	tccggacctc	660
tgcggttctc	cacctcgacg	acgacctctg	ccagtccttc	gncgctgccc	ctatctttg	719

<210> 5208

<211> 565

<212> DNA

<213> *Aspergillus oryzae*

<400> 5208

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caccttttgc	gtactgggtg	ttgctagtgc	ggcggatcca	accgcacaat	gcgataactg	180
gacccgatca	atgctgcgca	acggtcgggt	taccgactga	cagtgtagtc	tcacctttac	240
ttggcttgct	cggagtagtt	gttccagaca	tgagcactcc	agttggattg	acctgcaatc	300
ctattgtcca	gggtggatct	tgcacaggcc	accccgtttg	ctgtacagga	aataatttca	360
atggctctct	agcccttggc	tgtacaccgc	tcacgttatc	tacatgaaaa	cagtaaaaag	420
aaagcaaagg	caggcacggt	tcagttagta	tttcgatctg	gttgggggag	agggaggcca	480
aaatgtctcg	gacgaaaatt	gattacaagt	gtacgttgag	cagaaaatgtt	caagggtggtg	540
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<210> 5209

<211> 771

<212> DNA

<213> *Aspergillus oryzae*

<400> 5209

taattcaact	taataactct	tttctaactc	actatctacc	acttatcccg	cttattacgc	60
ctgtcagagc	aactgtcttg	aaatcagact	tttaacctgc	ccttgcgtgt	gcgaacctct	120
cttcgggtgac	gcaacgactg	acacgctcga	actcttgagg	atcttttcga	gaatcgctag	180
tatcgcccat	atccatata	ctttcaccta	acacaatgtc	tggaaagtgt	gacaagtctc	240
ttgacgagat	cctcgteaac	cgctcgtcagg	gcgctcgctc	ccgcaatcgt	cgttcaaccc	300
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cttcgggnaa	ggctgctcaa	gctggacacc	ctatgtcaac	tgaaagcaaa	atcatggtca	420
ggggtttgcc	ttccgatgtg	aatgaggcca	atatcaagga	atacttctct	aaatccgcag	480
gacccgtcaa	gcgagtcatg	cttacttaca	acaaaaatgg	cactagccgc	ggcatcgctg	540
ccatcgctctt	tagcaagcgc	gacacggctg	ctaaagccgc	taaggatctg	aacggactgc	600
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tccccgctgc	caaacctctt	ggtgagcgtg	tcgcacaaac	caagtcccag	cccaagccgg	720
ccactgccag	caatgctacc	gacagcactc	gtggagctgg	ccgtcgcggt	g	771

<210> 5210

<211> 664

<212> DNA

<213> *Aspergillus oryzae*

<400> 5210

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tttataaatt	tccattcaat	taataaccca	tagtcaacat	ggttcagctt	caagaagtcg	120
aggacgaaca	ctacgcccag	gagaagcccc	aggtcaccaa	gaacaacggt	cttcttgcct	180
cggacgacga	agatgatgac	tacactgata	ccgagtctga	aatatccgag	gactccgata	240

tcgagctcga	cggcgagacc	ttctacgagc	gtctgtccgc	tctgaaagac	atgatccctc	300
cctccgcccc	ccgccaggtc	aacaacacag	tttccctccat	cacctcattc	acaaaagtcca	360
gtctcatggt	cagcggtcgg	gcactctggg	ttatcagcac	cagtgttttc	cttgtcggta	420
tcccattcgc	gctcgcctat	gcggaggagg	agcagtagct	tcagatggag	cgtgagcagg	480
gcatgatcaa	gggtgccaac	gagatgctca	cccccggtgc	gatttccgag	gagcagaagc	540
aggctcaacc	tactctgtaa	atggacatcg	ctagtgaagg	caaagaccgc	aacaggtgtc	600
aatgatcagc	catcaacagc	tttaacctat	agtctacgct	cgaaccgect	gttgctgtaa	660
agcc						664

<210> 5211

<211> 939

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (939)

<223> n = A,T,C or G

<400> 5211

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gtatcattgt	tgctgattat	cggcacttat	ttatagggta	ctagtcacca	gcagcgtgac	180
ttgcactatg	ctctagetta	tcatttgccc	atctctccaa	ctgctgcact	ccatcattta	240
catcaccggt	ggagagagcg	gatacttcca	gcacccccct	caccgtccat	cgaatactcc	300
tctgatcaca	tattctctcc	catcctgtcc	ctttctctgg	tgacccagtc	tttcacccctc	360
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acctccttcc	acacgcgcta	ctacaagtc	cagacccgaa	tcgaaatcgc	gacgtggctc	840
tacaatcaag	tccagacggt	gatcgaacaa	tccggggcag	cggaacatgg	cgcgaccgtg	900
gaccggnntg	cccatctcgt	gggtcagntc	agcattatt			939

<210> 5212

<211> 1268

<212> DNA

<213> *Aspergillus oryzae*

<400> 5212

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ttccgatcag	ccctgttccct	cctcctcctct	cccttgccgc	tcagccacac	aaccttcacc	180
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gatgggtgaaa	aagccgtctc	ccgggtgtgc	cccgcgaaa	ccaactccct	cctgaccttc	360
gaattccggg	catggggcga	ggggggnaaa	cccaattcca	tgcacatcag	tcacaagggt	420
ccctggggcg	tgtacatgaa	gaagggttga	gatggagacg	ccgttaaaaa	cgttgggggc	480
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gggtattact	tagtcaaggac	ggagctccctg	gcgtgtgctg	ctgctctctga	gaagccggct	660
gattcccaagt	tctatgtcaa	ctgtgcacca	atctttgtgc	aggggtgggtg	tagtgogaag	720
ccctgagactg	ttagcatttg	tgagggtctc	taaaatttgg	agngccgggg	cgtgaagtac	780
aatatctatg	agaagccccc	gcagctaccc	tatccgatcc	ccgggcccggc	tgcttatgag	840
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aacaagggtc	tcaagccggc	gggtgtatc	ctgcagcgtg	ataactggtg	tgggtttgag	960
gttccctgact	atagtgatga	gaacgggttc	tgggttccct	ccaagaagtg	ctgggatcaa	1020

agtcagggttt	gctatgacac	cgctcttccc	acgggtgtct	ctgcctgcga	tatctggatg	1080
accaagtgc	attccattga	cgacgcctgc	aacagcggcg	atttcaacgg	acccccgaac	1140
aaaagcaagg	ttcttacacc	aaaaccaaag	acgcttggtg	gatcgaccca	ggtctttaga	1200
gagatgtaag	gaagtacaag	aagtggaccg	catgattgaa	gcattggtgca	tggagtaaca	1260
ggcgtatg						1268

<210> 5213

<211> 647

<212> DNA

<213> *Aspergillus oryzae*

<400> 5213

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cccaaatagg	ccgatgcagg	actccccact	ggcgatgccc	ctgctcccg	tgagcatctc	180
aatatcaaag	tgaccgacaa	caacaalgaa	gtcttcttca	agatcaagcg	ttcgacgcag	240
gtcaagaagc	tgatggagcc	gttctgtgag	cgtaaaaggga	agagatctc	cactgtccgt	300
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gacggcgata	ccttggaagt	tcaccaggag	cagatcggtg	gttaggaggc	ccatccgac	420
gttttgtttc	acttctgtc	acttctttt	ttccttcac	cttcgcattt	ttttgagaca	480
cacaggcgca	atggtgtttt	ggcccggctg	ggcttttagct	ggaacggggt	cgctacggg	540
cttgacttaa	gcttagaaaa	gctttagaca	caagcgaact	aaaaacatgc	tgggctgtgg	600
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<210> 5214

<211> 780

<212> DNA

<213> *Aspergillus oryzae*

<400> 5214

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tcgggacata	ccaagttcga	accatatctt	cctcctcata	cagaagcagt	aacagaccag	120
ctgtttcgat	cctacgggat	gcccacggg	acaacaataa	aaggtttccg	gattgagtc	180
gggttcgcct	ccaatgacac	atgccttagc	gacaaacaat	accctgtcat	aatcttctcc	240
ccaggcttag	gagcgctccg	attgtactac	tctttaatcc	tcgagtcctg	agccagcaca	300
ggcttcgtgg	tagtctccgt	ggaccatccc	tatgacacct	cgagtgtgga	tttccccgac	360
ggcagcgta	tatacgggtg	caacgtctct	gcagccgac	ctgtcacctt	aaatacccgc	420
gtccaagatg	tcattctcac	cctggaccaa	atacacgaca	accgcacact	tataccatcc	480
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ggagacagcc	cagcccgcat	gctgaacgaa	ccccgttttg	cgggtgggct	gaacttcgac	600
ggagcgctct	ggggccccgt	agtcgaagag	ggctctgacc	ggccttttat	caattttgga	660
gacgcgaaca	ttacacaact	ggataacaat	agctggggaa	agatctggcc	tcattctcgg	720
ggatttcagc	gagagcttca	gctggctggt	tccttgcatc	tcaccttcac	ggacttcccg	780

<210> 5215

<211> 671

<212> DNA

<213> *Aspergillus oryzae*

<400> 5215

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gacatagaac	caatttttct	cgattgaagg	gcacgcattc	caagtgaacta	tgctattcca	120
acccactccg	tgggatgttt	ctgtctctat	taccgcgctt	acagcaagtg	ccaattctga	180
gcccacactc	gtcacggagc	gtcgaatcac	tccaacatgg	acggttatcc	aatttaaagtc	240
aaagttggaa	acaatgacag	ggataaccac	tggcagtcag	agcttaaaat	tgaagacacc	300
tgggtttctt	gaaccaatgg	ttgaagggtg	tgagaacatc	atcggtgaat	gggagttgag	360
aaagggctgt	gagatcgagg	ttcatgattc	ccgcccctct	tcagcaacggc	cgaactttca	420
tgatctatcc	tctgttgaaa	aatacgttct	tcctgcagcc	acctatgagt	ccctacccaa	480
ttcagttattg	gcgtggaaaa	agcaccagaa	acttggtcgg	tttgatccaa	atgtactatc	540
ggcgtacgaa	tgggcaacga	agccagctga	acaagacgcc	taggatattg	ggagtcgagg	600

taagaagcct aaatggaaac gcattccata aagagaaaat gaaaccaa	660
ctatcagaatgctg g	671

<210> 5216
 <211> 661
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(661)
 <223> n = A,T,C or G

<400> 5216	
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gctattctct cttacttgcc tccctttgag ggctttctgc ccaagtggct ttcccttgct	120
tcgggtggtct ctctccgcaa cagcattcaa gggtaccgat cggattccta cgcgcggag	180
ctctacaatg gacaatccgc tgatggctgt cggttaacca accccttalc ctctcgcacc	240
ttgggtacct gaactttcct ctccgctgtg atccgaatgt acgcagctta caacatcacg	300
accctgtgg catatgacct tgctatatgg actttcggaa tcgccttggt acactttggt	360
ggcgagtggc tgggtttcgg tagtgcccaa ctcaaggggc gtttcgtcag cctcttatt	420
gttgcgctcat caactttagc ttggatgttg acacagaggg aaagctatct ctctgcctaa	480
ttttttttaca tgcgagacgt taacctatcc ctcgatgtat tacttccctc ggtctttctc	540
tctactcgag ctcccggtca ttgcacgaa cctacctgc agtcccggtg gtaggaagga	600
gaaaattaaa gaataataga taccatggg ctacaaaagg tggttctgtg ccaaaaaaaaa	660
a	661

<210> 5217
 <211> 711
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5217	
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aagaacatct gtaccatgaa tgaagccagt gtttcgggtac aagtcttcga cttccacctt	120
cgtatcgccg gtcaggatac cagaaagtac aacttcaaag cttacgatga ggtgcatttg	180
gcgcccattg gatacttcca gccatccatt ttgcaccatt cactaaaact caacggacga	240
aagacattga tatcccgctc agtcgacatc tatgacggcc aaccaaaacga cccaacatct	300
gcagcgcaat cagaactctt gacagccatt gctcctcctc ttaatggcca ggtgaatggc	360
gacactcagt ccggtacttt agatgtgcaa tcgactccga gccggtecca gcaagtaaat	420
gcccttagtc gctacaaga ggccgaagct actcctcgat cctcagttgc cggatctcct	480
gcaccagatg tgaccagtac tccgcaagct ggtgggtgct gtacacctgc gggtcggtag	540
caaaagcaga gcacatcgca gctcgtgca ccgaccgttg aagagcgcca cgatatattt	600
gcgacggttc ccacttgata gggcgaaact taaggctatt gctcaggctg ctgggctga	660
tgaccgtaaa aggcacaaact tcttgccggt atattgggtg ttgtaggcgg g	711

<210> 5218
 <211> 651
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(651)
 <223> n = A,T,C or G

<400> 5218	
atcctatagt ttatttacta gctacgggat aacaaccatt ggataatctc tcaagatgtc	60
ttccaacacg atcaccgtga cctccacca actcgcaaaa atgatcgacc actccctcct	120
gcacccgacc atgaccgacg aagacattgt tgctggctctg caaatcgccc gtgcgagcaa	180

cgttgcaacc	gcctgcgtga	agccatacct	catcccactc	gccaagaaag	agctcgccgg	240
cagcgacgtc	ctcgtttgtc	cggtgatcgg	gttcccccat	ggcaacagca	caacggaaat	300
caaagtgatc	gaggcgacag	cagcagccaa	ggcaggtggc	aacgagattg	acatggtcgt	360
caacgtggga	aaagtccttg	gcggcgattg	ggactatgtg	aaggaagaga	tccgtcagat	420
caacgaagcg	gttgtggcta	aatggtgcca	tctcaagggt	atcttgaaaa	tgatatctnc	480
catctcagca	tatcactaga	ctgtgtgaga	tctgcacgaa	attgaaagtc	gcttcgtaag	540
acctnncacc	ggtatggctt	gtcaagcaga	aggatgatca	tacaactatc	gtggagcgac	600
ggtcaggatc	tncagctcat	gagggagaaa	tgggggagga	tgtcagatta	g	651

<210> 5219

<211> 688

<212> DNA

<213> *Aspergillus oryzae*

<400> 5219

ctcgaggag	cactcttggc	ttcttcgagt	ttaqgtgata	ctatgttacg	tacttgaatc	60
cgacataaaa	caaateccctc	ccccctccctc	acttgtaaac	ccggccataa	tcacctcaca	120
tccattgggtg	ccctagccctt	ccctgtttct	ccgttgaacc	gaggttgccg	attactttta	180
acctgtccat	tgcgccccat	aaccacttga	tctccccctc	tgaacaatct	gcgcataatc	240
tctctgtgct	gaagcatccc	aaatcaacat	caatcatcat	catgtctgga	cacgagaaca	300
acgggtgctcc	ccccgtggga	caggagaaga	tcaacaccga	catcgtcacc	ctcacaaggt	360
ttctgacaga	agaacaaaac	aaggtgccag	aagccactgg	tgactgcaca	ctcctctgcc	420
acgtctctca	gttctccttc	aagtcacatg	ctactatat	ccgtcgcgca	tccttaatca	480
acctgacaag	actggggggg	tcttcaaaca	ccacaggcga	tgacccgaaa	aagcttgacg	540
gaatccggaa	gatatcttga	tctccgccat	gcgggggtca	aggaaatgcc	ggatcctcgc	600
ttcggaggag	aaaaagaaac	catgatcttt	aaaaagcacc	ctactccgcg	tacgcaggtt	660
gttgggaccc	ccttcaaggg	tcttccaa				688

<210> 5220

<211> 694

<212> DNA

<213> *Aspergillus oryzae*

<400> 5220

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cgctgataag	cgattcttga	ataaccggac	ccaacttccc	aagtggatca	ctcaggccat	120
gcttgaaagt	gaaactaacc	ttagtactga	tatggccgtg	gccacggcga	ataacttctt	180
acgcggcatg	gctcagcctt	ttaaggccaa	agatcaggac	agtatctcga	catggagctt	240
ggcagattta	gaacgacgtc	gagagaagca	tatgttggag	gaagatagag	cactacgacg	300
agcactggct	aatggacatg	gcgcaaacgg	tgttgccaat	ggtgctgccg	ccgtctcaga	360
tgaattcgat	gacgacattg	acgacgacct	catgatgttt	gatgcacagt	gaaagccaag	420
ctatgcagta	ctttttcttt	ccatatatttg	ggctttgtca	tccacgccag	tacacccgga	480
atgtttgtta	qctaaatatg	gtttttcgat	ctctcggtct	ttcttagacc	gcacaaacat	540
cctggctcat	tcaatacccc	aatacgcacg	atgcattgtt	tgtgaacyty	gaattgagat	600
tgatatagat	attgtagttt	ttacgtgcta	ttattcctga	caaaaacaga	ttttccccaa	660
tgggttggga	ttccacgggg	gacaogtttt	at			694

<210> 5221

<211> 658

<212> DNA

<213> *Aspergillus oryzae*

<400> 5221

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gaactgagct	tctcagatat	atgctgcttt	ggcgccgaga	tccgcacacc	gaatctcgat	120
cgcatttgga	cacagggtgt	acggtttact	gaatttcacg	ctggggctgc	atggtctctc	180
accccgcgca	tgatcatgac	cggcacagac	caccacatcg	ccggcctgtg	caacctcact	240
gaatggacca	acatctccgg	ccagaacggt	cccaaaggct	ccgcgatgag	taccgtctca	300
cagcgcgga	tgcaggtta	cgaggggtat	ctcaatgagc	gcgttgtggc	actccccyag	360
gtcctccgag	atgcaggcta	ccacaccctc	atgtccggga	aatggcatct	gggcctgaca	420

cccagagcgtt	cgccatttaa	tgcggettc	gacgctctc	gacccatct	cgctgcctgc	480
tcaaaccact	acgcctatga	gcaccagcta	cagggcaccg	atgagacacc	cactttcctg	540
gaatctagct	acatcgccct	gcacatggca	gacgacaagt	atgtcaacga	agctgcccga	600
aggctggtac	tcatccgatg	gatattgcga	caagatgctc	cagtacctcc	gtaaatgg	658

<210> 5222
 <211> 512
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(512)
 <223> n = A,T,C or G

<400> 5222	
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accatgaaat	acccattcaa
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gccagctggc	tgcgcgccaa
ttctacagtg	ccagaagatg
gaaactggat	tgtatatgct
aagaaaatct	attcccgteg
gtttgggatg	ttccaggatg
aattaaagat	ttntattgt
	ttcaaaaaa
	nn
	60
	120
	180
	240
	300
	360
	420
	480
	512

<210> 5223
 <211> 668
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5223	
gggaataacg	acaattcgtg
togagtgaac	agttctcaga
ccttgctcct	gacctggtag
gttgaagggc	aacttcagtg
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tgtatctcgt	gtacggaact
tgagagcggt	aggtctccgg
cgctggtcac	agcttcaacg
agggcaaaaag	atcgagctct
ccttctgggt	atggttgaaa
aggttaacgg	qaaqcttttc
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	120
	180
	240
	300
	360
	420
	480
	540
	600
	660
	668

<210> 5224
 <211> 638
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5224	
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tgggacagtc	gaacctcagc
atcattatta	ttacngtcat
agaaaagcta	tacaccttcc
tcagacagag	catcgrraac
ctcttccaaag	agccacacat
attttccacg	tgttccacgg
ggcgaaaacag	ctctctgatt
ataccgctga	acacagagct
	acgtccaggc
	gacatgacac
	gcaccacata
	aacagatccc
	60
	120
	180
	240
	300
	360
	420
	480
	540

gcagggaaag caccaccaga aagccgttta tactggggcaa cgatcgacgc ttcgggtctg	600
cctatctcga ctgtttggat agcttggaca tcacgggc	638

<210> 5225
 <211> 692
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(692)
 <223> n = A,T,C or G

<400> 5225	
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catcgtaga attgaaaaac caogtaccgg caataacga qgtccgcac tcgggttggtt	120
attccacaaa ggatcagat aatgctgagc tcgctgcttr gggaaagaaa cccgttctga	180
agcgaacctt cggaaatcttg tcgagctctg gtttcagttg taccattctc gccacgtggg	240
aagggttatt tggtaacctc ctcatccctt tgcaaaatgg tggccacgc ggctcggtct	300
actcgttcat ctctgtctgg acgggaacag catgctcctt cgcggtgctn tcggagctgg	360
tctccatggc accaacgtcc ggagggcaat atcaattgtg tgcgatgctt tccccgccga	420
ggatgatgaa atgcttgagt tacatcacgc gctgggtgac aaccattggc tggatgtctg	480
cttttaccag tgccagcttc ttggcgggga cggaaaattca gggcgttgtg acccttgcc	540
acgacaatat gatcccaagc catggcaagc accttattat gttggccgca atatactacc	600
tctgggataa acatgtcgga ggaagtgggt ccaaaattca aaactcgttt caagcgtcaa	660
atcctgggga aattccgaac ctgacctctt gc	692

<210> 5226
 <211> 645
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(645)
 <223> n = A,T,C or G

<400> 5226	
gcattggtgtc aacaaagact gtggacaaac atacaggggg ggctggggcg catgcaatac	60
gaagtccttc tcaattcacg acgatgccgc ccatcacctc gacctctcat anggggggcg	120
ctgttggtgga gctcattctt atcgcaatna tcaaaaggca ggctgttgtc agacttgtaga	180
cgaagtccga gaagcttatg ctacggcctc gggggccttt ggtcgcgggc aggggtgttga	240
gcagtgtgag cgcgatacct atggcgagaa gttggatgag caacgagagg agggctgccc	300
catagagggga ggtctacgcg tgaacaagggt catgtgtaac ttccatgtgg ctcccggaag	360
aagttacagc agcgggaacg tgcacgtgca caatcttaac acctagttag atgtgcccac	420
gggtttccgc gacgatctta ataagctggt cactgacgtc ggttgccgac gtgactcgct	480
cagatagtgc tgagaggtcg cgcacaagaac acggttggga ccgcccagag caaactttga	540
ggcggaactcg tgcgggggag cgcgagaccc agagagcact ctagagnnct ttgaaaagat	600
tgccccgaat aatatcttcc tcttgggggg gaaaaacagg ggcat	645

<210> 5227
 <211> 689
 <212> DNA
 <213> Aspergillus oryzae

<400> 5227	
cttcatccga aggcctccagt ttggtctcgc gtccaaacgt cttgaraccc aatcattgoc	60
ctgtagggac catttcaaatt attcctgcct atcacaatgg atgtggcacc taagcagtcg	120
togaagctgc tacggctctc ttccaacgcc atcacgttcc gtttactcca aaacctctgt	180
ctttctacct ccgcactaca agttccaaca acttgaataa cgttccacca acaaatgggg	240

ttttctaacc	ccgaacctca	teccccaatt	aattttgaaa	cttggggggtt	gggtcgaaac	300
ctgaaggacc	ccttcttact	tttccaatcg	ctgggggtcc	ccatgaccac	ggttattcaa	360
ttcttcctta	acaagacagc	atggatcttg	taacggatgg	gaaagttcca	cgggattttg	420
aacctgttc	ttgcaaacct	gattacgtta	attgaccgga	ttgcattttg	aaacagcttg	480
acggaatcgg	ccttcaaaat	cccaacccca	aatgctttta	cggcggaaaa	ctcacacta	540
aagctgaatg	gtgggctgga	cacaaaaagt	tttgaacct	ataaaggaaa	ctacgggggtg	600
gaggaatccg	gaatattcat	ttttcaaatt	tcgccaaaaa	aaatatcgct	ctaaaaattg	660
ggcaagttta	accttcaacc	attgccact				689

<210> 5228

<211> 695

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> 1... (695)

<223> n = A,T,C or G

<400> 5228						
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gcttccatca	tggaacccct	ccagcaaaat	atcatcacc	ctctccagcc	ttacctccgt	120
cagatcgctc	cgtcgctgcc	ggaacccgtc	cacgataccg	tcacctcgct	gatcggatca	180
tectgccaca	acgctctttt	ggttgatctc	gatgtcacca	aagaccctgc	ctgcacgtcc	240
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ccccagattc	tgaaattgat	cggatctcgc	tectcgcccg	gcgtgtcctt	tgtgtcgtac	360
gctctcgaaa	ctgctagctt	gctcatcacg	ctgtcgtaca	gtgtgcgcaa	ccagtttctt	420
ttcagcaatt	atggcgaaa	cgcgttgatt	gcggtacaag	atgtagtggg	gggtgttttg	480
gtgttgacct	tcgcccagtc	atcaactgcg	gctgcggcgt	tcattgccgt	tgttgccggc	540
agtgtgtacg	ctttgctttt	cgatcaaaat	ttggtggacg	cgcagactat	gtctcttttg	600
caggctgggtg	ctggtgccct	angcgttgcg	agcaagcttg	cccagatcat	aaccattagg	660
ctgcgaagga	ggcactagna	tcacgtgagt	gcttn			695

<210> 5229

<211> 659

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> 1... (659)

<223> n = A,T,C or G

<400> 5229						
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ctatagcctg	agaggctttg	ccgtgtcact	atttggcacg	ctgtggatag	ccctgggtctt	120
ttgggtatct	gagacctatc	tcattttccc	tttacgcaag	atccctgggtc	cctttctcgc	180
cggatggacc	aacctctggg	ggatgtacca	tgtaacgcag	ggacagtctc	aggtgggtctt	240
ccatgagctc	caccagaaa	atggccacgt	ggtgcggatc	gcccctaatt	tcgtcgactt	300
ggatctgccc	gagatgac	aaacctctc	caacacaaaa	caadactatc	gcaagaccga	360
attctacbat	ggtagtagtg	ccaaaaagcaa	tggctgaatt	atttacaatc	tatttcagcga	420
gtgtgacccc	gatatacag	cgcacacaaa	gggacccatt	gcaaaagtatt	actccttgac	480
cgggtgtctg	ccacttgagg	cccatattga	tgaggtgac	aactacctct	gtcagagggt	540
ggaagaggag	ttcattaatg	gattgaacgc	tggnaatag	tgcanatgg	accagtggct	600
artgthctat	acatgggacg	tggtaggaca	agccaccttc	agcgagccca	tcggctatt	659

<210> 5230

<211> 654

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (664)

<223> n = A,T,C or G

<400> 5230

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cctcaactgg	caacctctat	agccgtgaag	gcctgacaag	atacatcctt	gcttgctgtc	180
agggaaagca	tggagggtct	cgtgacaagc	ccggaaaaa	tccagattcg	taccacacct	240
gctatactct	cactggactg	agcaagaccc	aatatcacca	ctaccatacc	gatgctagcg	300
caagctccag	gggggaactc	tctctgtcat	tttcttgga	atcccttcct	gtcaccagct	360
cagacaatca	aggatcagac	ttgagtgtat	tcgatgagaa	ggatcggtct	gcagcgctcc	420
accactata	tgtcattccc	catcaggctg	ccgagaatat	gcgtatctgg	tacgaaaatg	480
cacgcgttga	ggtttagttg	actctgggca	aattaacgag	tgtggagtgc	actaaagatg	540
agaaatgato	tataaagcag	attgctatrr	ttgtacagt	aaaaatgcaa	caccataatt	600
gctcttgcaa	aaaaaaaaaa	annnnntaaa	taaaaaaaaa	aaattgctgc	ggccgttcca	660
accn						664

<210> 5231

<211> 654

<212> DNA

<213> *Aspergillus oryzae*

<400> 5231

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tcacctgcta	cacatcaact	tcacagacca	gaagatagta	tccattctta	ccagtttacg	120
cctcgagttt	aaaaaacctt	cgcagaattt	tcccttgatc	tcccttcttc	caatatgaat	180
ccacaccaac	agaacaaaag	cgatactgcc	tcttatccc	ctgaagagca	acgcctattg	240
cgtctctacg	gaaagatgcc	caccaagaag	gatctgttgc	agaacaaact	gaaggagcgg	300
aagtaacttg	attcaggtga	ctacgccttg	agcaaggccg	gcaaagcctc	tgatgtgggt	360
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tctcctgggg	cgaataaccc	agcagctgcc	agcaatggtg	gcagtaccaa	ctctcaagga	480
cagcagattc	ctggcagcat	cagtgggcac	ccgggctcta	ttggttttca	aagccgcagt	540
cccggtgaaag	aaggcagcta	tctacaacgc	ggaactagcg	cagatgagtc	tgagggtaac	600
accgcgtgca	cttaaagatg	caaagggacc	cccagcgtga	gtcccgcctc	ctgg	654

<210> 5232

<211> 494

<212> DNA

<213> *Aspergillus oryzae*

<400> 5232

cgagggtctac	atggcctttg	agatgtacat	cgagggttga	caaatacaac	gtgtgggcta	60
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ccttggttgg	ccacgagcct	ggactgaagc	ctgttttgcg	taaagccggg	gttatcacgg	180
tggatgcgcg	tctgttgagg	agaaagaagc	ctggctcatgt	caaggcccg	aagatgcccc	240
cctgggtcaa	gagggtgaag	aggcctatcc	cctgttgtct	cgggagcttc	ttttcttctt	300
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tttgtattgc	acgcattcct	tcagatgtca	tggcggctgt	ttcaaaatad	garactgctt	420
ggctctggcg	acaagcatgt	acccttagct	attgggggtta	attcgtctga	ttcaatcgaa	480
ctattgggaa	aagt					494

<210> 5233

<211> 633

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature
 <222> (1)...(683)
 <223> n = A,T,C or G

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gcccttcctt gtgcagcat cggcagctct cctatccccg ggactggctg ctgggttttc      180
gactgagctt cagagtgtat tgaagaacac gcatgggtggc aatgaatatg attatccac      240
cgactttacc aggggtatat tgcacatacc agtccactcc cacaatgatt actggagaga      300
tattcccttt tacactggtc tttccaaggc ctgtgtctca acggaagccg atgtatggct      360
ttataacggt acactttacg tcgggcaaga tgaatcctcc ttgactgagg agcgaacttt      420
tgagtccttc tacgtcaatc caatgttaga cgtgctcaag cgccaaaatc cccaaactcg      480
atttgtgact tcaccacaga aaaatggcgt ctttgacact acttcttcgc aaacctttta      540
ctttttcggt gatgtaaaaa catcanggac ctgaacatnc gaagctgtta tctctgcatt      600
agagccactc cgcanaagag gctatctgac ctctttgaaa gacaacaaga cagtqacaag      660
tygaccataa acggtcctcg gaa      683
```

<210> 5234
 <211> 687
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(687)
 <223> n = A,T,C or G

```
<400> 5234
cogttttccc ctacaattgt tgtcttttca gtaggagatt caaataatta ttcttttcag      60
acttctacaa aagtattctc aatagagaaa atgagcccc cgcccgcttt ggataatgcg      120
aatggctctc ccggggcccc tctgaccgtg gaggggtattc ctgccctgag ggccaacagc      180
gccccaatte ccaagggtgt tgcacctgcg acgagtagtg atatgttcaa aagcccgga      240
tgtttatacga agcccaaagc taaacgctgg gatcacattc tctccaccga agctaaatct      300
cggaagggtat ccacattgaa ggggtgcccg aaataactga agaaccagg cctcatatct      360
ctgggtgggtg gactgccctc tctgaatac tttcttttcg aggagcttga tatcaaggtc      420
ccactccac caggatttac gccgaagct actcgcgagt ctggaaccgt tgtacacgcc      480
ggcaagagt atattcgga aggaaagagt ctatatgac ttgaggttgc tcttaattac      540
ggccaagctc cgggtgctcc ccaactgctg agatacgtca cagagcacac agagctcacc      600
cacaaccccc ctaactcgga ctggcaatgt tgtcttgact gtggtagcac cttcngatgg      660
gatgtggcac tcagactctt ttgcgaa      687
```

<210> 5235
 <211> 686
 <212> DNA
 <213> *Aspergillus oryzae*

```
<400> 5235
ggcgcaagct actgccacag gaccatgaaa tgtggatgtg gagaatgcac taactccgct      60
ttctgaacta ttaabgata actttggcgt catgaacaa accttqacat ctgaagccat      120
gaaaatgggt atggctcgat tatggaaaaga ggtctcttag actattgaac gcttgccttg      180
acctcccttg tccgacaagc catcccatca gaaacctctc acgatgcagg aggttgatat      240
agtctcaccg tggctcgtgc tgcctctgaa ctttttccac gctgttgatg aagaaaactgg      300
tgaagcaaac ggtgtttcga ttgatattct gaagtcgccc aagtatcacg agattcaatc      360
ttgaaacttt tctactttg aaccaccca gaatcttatt cgcacctctg agagaatggc      420
ctcagcaacc atatcttggc agcaggccaa tagaaaacga ggttcggcgt cggcccatct      480
tgggtctcga ggatcgggcg gattcctcgg cgttctgtgt gctcggcgag ctaagagcat      540
catgctctcg cggaaacctg gcacaatgaa gacgatgaag gaggaaaaat ggccggaagc      600
tcaggccgaa ccaaatgatg acatgatctt gcgaatcctt cgtatgagge cagaagctgc      660
tggctactct cgcgatcgaa gtcggt      686
```

<210> 5236
 <211> 666
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(666)
 <223> n = A,T,C or G

```
<400> 5236
tctcctttcc ttcgaaacttc aacctccccc ctctctact tcaattcttt cgtcacctgc      60
ccactccggtt tcacgaccac ttgtctcttc tcgagagctg tggccccctc cgagcagtat    120
agaaaaagggt ttgcgcaaatt acgtactcta tatatagtta ctgctagcgc tcgcctcaat    180
catttcgpcg  gacctcttgt  gacatagctt atcccttgat ataatggcgc ctgctcattc    240
ccgcagattt  ttggggcctc  tgccttatac ttgggcgcga gggcctgcag gagctggtgt    300
tctgtatata tctaccgctc cccgcaacat ccttggtctg gaagctccgg ctgtaccacc    360
ccctggttat catgagggga aacttggtgc tccgagcttt cctcaatca agtcgcgtct    420
ggaacagatt caggacttga aacgcagttc cagtgggtgat gattcagacg tgtatgacct    480
ccttattata ggtgcaggcg ccactgggtc angaatcgtc ttagacgcag cgacacgagg    540
tttaaaggta gcggttgctg aaagagacga ctccagctct gggacaagca gtaagagcac    600
gaaactggta cacggtggcg ttcgctactt ggaaaaggcc gtgtgggagc tagattacac    660
cagtc
```

<210> 5237
 <211> 675
 <212> DNA
 <213> Aspergillus oryzae

```
<400> 5237
gctaagcatt actctgccat gaaagcctcc gatctcgctc ttgtcgacca agatggctat      60
gtgacagaag gaggcaatca ggcacccatt aacgaggccg gattcatgat ccattcagag    120
atccataaag ccaggccgga tgttggtgct gctgcgcata cgcattggagt ttatgggaag    180
acgtggagcg catttgggaa ggggatcgag atgatcactc aagatgcgtg taacttctat    240
ggaaaactag gtgtttatgt tgaccacggt gggattgcat tggctcagga agaggggcag    300
caaatcgaga aggcttttag ggaggacaag atagcatgca tcttgcagaa ccattggttg    360
ttaaccgtag gtgcacagt ggatgaagca gcctttctcc tttccagctt ggatcacgcg    420
tgtcattctc agctgatggc cgaagcggcc gctgccaatg gggtagcgaa gaagattatc    480
aatgatgaag tggctcagta cacggccaat gcagtcagga ctccgcacca tttctatacc    540
gaattccaac ctgagttcga cctcatcgct gaggagacaa acgggcaggt gcttctgtga    600
ggggagggga aatgatatat cgatgagcaa catcctccaa gatagttact tgaggctacg    660
aactgtttca taqqa
```

<210> 5238
 <211> 697
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(697)
 <223> n = A,T,C or G

```
<400> 5238
catcatctca cgcgaattgg aactggctat ttgtcactct ctctatctca tccctagaca      60
tatagaacttg ctagaatctc taactctttgc ctttcaatac tctttatctc tttcattaga    120
ttcaactcta cccaggctac gttgcgaaga tgctgcgaaa gatgcctgat acctacccct    180
cccacgctga ggactttgag tccaaggaca atgccacgga ctctgattat gttagtggta    240
gtctcagtgga cgattatctc cccgagattg tcttcacgaa accacatttg cagttttctc    300
```

acagacagct	gcagttcctt	gagcctcaag	atgtcttgag	atggtgtgtt	acatcactcc	360
ctcacctttt	ccagaccacc	gcgtttggtc	ttactggact	cgtcactctt	gatatgcttt	420
ccaagctgga	ggtccctcgc	cctcagatgg	tgcacctcat	ctttctggac	acttttcttc	480
acttctcgga	aacccttact	ctggtcgaca	agattcgcca	gaaggacccc	ttgaacaaca	540
atcctggcta	cnagcccaag	ggcctaactc	ttgagaaagt	tggcccagaa	gaacggggccc	600
gtccatggga	accggaggat	aactctatcg	atgggcccgc	aaggtaaagc	cgacccaagg	660
gcctacccgg	aaatctaaga	tctctacgtg	tctcccg			697

<210> 5239

<211> 876

<212> DNA

<213> *Aspergillus oryzae*

<400> 5239

gttttgtcta	ctacatctcc	ttaaatcttt	actgggctga	acagttactg	gacctcttga	60
ctacacgcta	ctcttatata	tagtctcact	cactctcaca	tcccttggtc	aggtgtagca	120
ctcgatagaa	gacgtaccc	gaaggccggt	ctgcacccca	ccatgccacc	ctactcgggt	180
ctccagaggc	aacaaatagc	tcagttcacg	aacttllacac	aagcaaaagg	tgcagtagct	240
gccaaagtct	taaaagcacc	taggtggaat	gtcgaagaag	caattgatgc	gtttttccag	300
agtcctccagg	gcgcaggggg	tgccacctcc	tccatcaaca	agatattcga	cagctatcga	360
gactctccgg	atgacaaccc	cgatggcacc	ggcattgaag	gagcgatgaa	attcctcggc	420
gatatccaag	tgcgaactaga	cgaagtgcac	tgtctcggca	ttgcagaact	tctgaaatca	480
ccgtctatgg	gcaggtttac	tagagagggg	ttcttgaatg	gatggagggc	tgtcggatgt	540
gactccatcg	acaaaatggg	tgcacacgct	gacaatctcc	gatcgcggat	ccccacgcag	600
ccggatctct	tccgtccggt	gtaccgctat	accttccctc	tctgcgggat	gcagggccag	660
cggaacctcc	agtttgagat	cgccagccga	caatggaaac	tattctttac	gccggacaag	720
ggcggagtc	agtgggagac	ggagacgact	ccatgggttg	actgggtggg	cgaattcatg	780
gaggagcgcg	gaaagaaacc	cgtaacaacg	gatctgtggg	aacaggttga	ggtcttcatg	840
cggaagactc	ttgacgatga	gcgggtttgg	tgggtgg			876

<210> 5240

<211> 551

<212> DNA

<213> *Aspergillus oryzae*

<400> 5240

ccatatecct	aattatgget	tccttgggga	gtcccggtgc	cctcatgcgg	agttgtactc	60
ctcgactgtc	caaggaattc	ttcacatgtc	gtcaatgtct	agggcgaagc	cagaattatg	120
cgacgaaatc	cactttccgt	aagaattgcg	ctgtctcgcc	ctttactcag	aataccagca	180
agctcaatac	gcctgcttca	tttccaagaa	cgaaaagcgc	aattccaaac	atcttcagaa	240
ggtcgggcctc	aggtcccgcg	gcagcgaatg	ctgttgagga	aggtgcttcc	aatgcaaaat	300
ccagctttcc	taaggctcagc	gataagacgg	cggcatactg	gttgcttggc	agtgcagcta	360
gggtgtttgg	cattggtggtc	tttqgtggcc	tcaccaggtt	gacagaatct	ggcctgagta	420
tcaccgaatg	gcagcccggt	accggatctc	ttccccctat	gaacgcagaa	gactyygagt	480
ctgagttcgc	aaaagatcga	gcactctgacg	atttcaactg	tgggaaccgc	gcaaggaccc	540
ctttgggatt	a					551

<210> 5241

<211> 799

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> 111... (799)

<223> N = A,T,C or G

<400> 5241

gggatccccg	accccttggt	atttgccact	cttgggggtca	ctgcgacctc	tatcgccatg	60
gggtggtgtg	tatactatct	ctgtgggtct	tacgtcgctt	caccagcttt	gggtcccgct	120

gggccgactg	taaagaaaat	cagctatggc	tttgcgctac	caqgtctctt	gatgaccact	180
ctacttgtca	tccattttacc	agccaagtat	cttttccatcc	gtatccctgca	aggctcaggg	240
cacctgactg	cgaacacaaac	tattccactgg	gccacctggc	tcgggttgca	ttcgggtatc	300
gctattatcg	cctatatcat	tgccagtgt	attcccgtgt	tcaacgacct	ggtgtccctg	360
gtcgggtgcc	tccttggcac	tctcatgtcc	ttccaacctc	tgggcttgca	tgtggttata	420
tgataactgg	agtaagggca	agatcagtaa	atcgcccaag	tggattttca	tggctctctg	480
gagcggcttt	gttattctgt	ccggcacctt	tttgatgggt	ggggggcacgt	acggatcagt	540
tgtttccatc	atcgacagtt	ataaaaagtc	cggtgggctc	ggcagcttgg	tcttgtgctg	600
ataactccaa	ttcgggtctaa	gctgaattac	cgaggaatgc	aaagccgatg	tctgtccagc	660
gatataagcc	acagcccggg	ggccggctgc	aacgaggggtg	tcagatggga	aaaatgtcag	720
tcaatagcta	cataaacgag	tgtgagggcg	ccatccctgag	tggtcagccc	acgtgcgnnc	780
gcggtaccaa	agtgaggcg					799

<210> 5242

<211> 776

<212> DNA

<213> *Aspergillus oryzae*

<400> 5242

gggtggactg	gagtagccgt	ggcaagaaga	atgcaacgag	aggccttaat	gcaggcgcag	50
aggcacagat	caatcccaga	ttgatctcta	ttgatgcagc	gagaaagacc	ggccagccga	120
accaagtcct	gtcgtatgag	gcgatcatat	ttttataaac	atagactgtc	cgaacgggtgc	180
cggcaacatt	gccacagatt	ccaaggctaa	aaatggacat	cacagcaatt	cgctgccggg	240
ccgggagttt	aagattccag	atcaacggca	tcgggatgac	cgtggatatg	aagtcggtaa	300
agatattgac	gacactagcg	gcgaatacaa	cggccccgtc	atttagacag	tgatgagggg	360
atgtaggctg	aaagtcccag	taggcattgaa	tcgggctgca	ttggaaaatg	catacaaaca	420
aaaagataat	acacagcagt	gccaccaaga	ccattgcccc	gatcaacact	atattgtatg	480
tggtatagag	gcccttgcta	ccggctccga	gtagtctgtt	gcaaaaccat	aatagcgcga	540
gcttcgtgat	gctggatgat	agggaaaaaga	ggatttgaaa	gaggaggttg	aatttggagg	600
cagttggaag	ccattccaag	gggacgtccc	atatatgtcg	gttgcatcca	tgctgttcag	660
tggtctaagca	aatgtccacg	cacgtcgcag	tcgtaaaaagc	tagcgcgact	gctgtcacia	720
ggttgctcga	gcctggagct	gctctggcct	cgtaccgatt	cggagctagt	atatcc	776

<210> 5243

<211> 708

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(708)

<223> n = A,T,C or G

<400> 5243

ggtatgcctc	cctatnccgt	cgaggcgccg	ctatgaagac	cgactcagca	tatccggagg	50
tgctctctta	cccactccta	ccggacatca	ccgttggggg	tcgatttccct	cgcaccgaca	120
actttgcgac	agagctcttg	cggatacaaaa	tccacaggaa	agacaccctt	gtggggcaaaa	180
tcgcatgatg	catatccatc	gtctgacaca	acccttattg	caccaatata	caaatatgtc	240
ctcagtcctaa	aacaacacga	gttcttggat	agagctcttc	tgggtcaacc	aagcaggaga	300
gcttgcagct	acttttaatt	acaaggngca	taccccacaa	qtcqqqcgct	cccactctca	360
ccctgcgacct	ttgatgaagg	acatgtatga	trahagaggct	gggcactttt	cyacgttcaa	420
tcaaatgggt	gggaaacatc	aagttcgggc	aacggcaatg	tatccgatat	gggaggtggc	480
ggcaacattt	ctcggctggg	cgactgcgcg	aatgcagcgc	gaagatggga	tggaactagac	540
ataaggagcc	gagaccgaga	taggctctga	ctatagtga	caatatcttg	agacactgtc	600
atggttttgt	gaactggaac	gtaaggggca	agaacttnac	gatcatttga	aaggtattct	660
ggtgagcttc	tggaggagac	acaatgaaga	attagagnot	ttggatct		708

<210> 5244

<211> 522

<212> DNA

<213> *Aspergillus oryzae*

```
<400> 5244
gatggcgcac aacaatattg tgggtgctcgg ggcggggtatc atcggccttga acgtggccct 60
ggagttatcg aaacgtggct atggacagca tatcacaatc atggcggaac atcttccagg 120
agatgaatcg atcgattaca catcccttg ggctggagcg aatttctcgg gcatatcggg 180
cagcgatgcc aatgcgctgc gctgggatca atccggctac tcggccatga tgagcttgat 240
tgatgctggt gcggaagagg cgaagtatct gtgcaaaaca gagtcaacag agtattggga 300
tcaagcccca tcgcaggata agatcaacag catgactgaa tatctgcgcg atataagggc 360
cgccaccgca taaatctcca tcataacaca cgaacacagt taccagtcaa ttgtgctaac 420
cttgtgggct taaaatgata gcttgtcata atacctccat ccgatctccc taaggggggt 480
gccttcggta taagatcaat acggcacact caacgcgccc gc 522
```

<210> 5245

<211> 649

<212> DNA

<213> *Aspergillus oryzae*

```
<400> 5245
gaaggtcttg aagagtgtga aaaaggctgc cgtgaacaag tgcctcaagc gcggtgtgaa 60
ggaagtgtgc aaggctcttc ggaaatctcc cgtccctgca cctaacgccc cggccggcac 120
tcccaattgga gtcgtgatcc ttgctgccga catctcacc c atggatgttc tttcgcatat 180
tccgttcctc tgtgaggacc atggcattcc ctacgttttc gtcacatcac gagctgagct 240
cggtaactct gccgcaacaa agcgtcccac cagtgtcacc atggttgttc ccaagtcggc 300
cgcaaagggc aagaaggggtg attcagcaga tgatgaggac tttagcagtg tttacgatga 360
gctggtcaag cttgttcaga aggaggccaa gaaggtgaac ctttaaaaat ctgagcgact 420
ttgaccttcg ttacgtgttt ttgttatfff taattataag gcttctttat atctcttgct 480
gcttgctatg gctgtacagt ttcacctttg atgtctggca aaaacaacgc atgtcttccg 540
ggtcctgcct tttggacgtg ttcattgggt tgatccttta tgatgtgtcc cgtgccaaat 600
ctggcgtctt caaatccgtg cccaaaaaaa gcccgaaatg tgggaattt 649
```

<210> 5246

<211> 821

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(821)

<223> n = A,T,C or G

```
<400> 5246
tcgcagtaac agcccgacgg gctgaacatg tccaagagct gcaatcccca tatccccaac 60
ttctggteac cgacaacaac ctggataaac gcctctggca agacgccaga agatcacacc 120
gaacttccac ccaagacagt acaacatcac ccctctctt catctgcaca cgcccagcag 180
atgtccccc cgtctcaaaa cagctagcgc ccacctcga gtcattggat ccgagtgtcc 240
gtcctacagt tgtgacaatg tgtcctggaa tcaccgtcag ccagctccaa gactggctac 300
cgacagggac agcgattgtc cggctccatgc ccaacacacc cgttgaggte aggcaggggtg 360
ccaccggctt cttegcacac gaagatgcca cggttcgcgt caatcatgtc aaaaccgttc 420
tggaggaggt atctcccttc gtcactattg ttccqaaaga qtcgatgcta gatgttgctg 480
cagctgtgtc cggatctggg cctgcgcatt tcttcttctt catcgaatct atgggtcgtg 540
cagcagagtc tatgggtctt ccgagggagg ctgctgagcc centcgtatc aatnnetgct 600
ggtgctgngt atctggctag tgcgtcgtcg aagtcctgtg ctgatttgcg qaaagaagtc 660
ttgttctctg gnggaagtag cgaaaggcga ttgcatttg gatcaaatgg ngttcagaca 720
tttgttttaa tggcgaatca naagaagttg gatgcgaatt tgaaaatgca gttttttag 780
ccattatggt aaagtagata gggatagcat ttgatcttga t 821
```

<210> 5247

<211> 464

<212> DNA

<213> *Aspergillus oryzae*

```
<400> 5247
tattcaactac ctttccacca tccactacta tatacatccc ttcacaatcg tggatatcaca      60
actgtcacca tgtctctcaa gaacgacgct tccccctcct cgcgtgcttt cgtatgcgatc      120
aacgccgctc tccagagcga cgtgctgag cgcaaggagc ctgtcgacaa ggccaaggca      180
atcgtcgctt tcaacctgaa gaatgacaag ggccaggaag agagctggta cctcgacctc      240
aaggagaagg gtgagggtgg caagggtgct ccttcggggg gtaaaaaggc tgatgtgact      300
ctgtccctct ccgactctga cttcgcttcc ctggtcagcg gcaaggccaa cgcccagaga      360
ctcttcatgg gaggcaagct caagatcaag ggtaacatta tgaaggcgac caagatggag      420
cccgtcctga agaaggccca gggcaaggcc aagctataga tacc              464
```

<210> 5248

<211> 741

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

```
<400> 5248
tgcacgcgat tgggaagagg ctcttattgc tcgacttgaa aaaagagtgg atgcgatgat      60
cgagcaaggc ctgatgtctg aagcacagag gatgtcagac tatatccgag aaagaaggac      120
acaaggctct agcatcgatc cgacacgggg tgtttgggtg gcgattgggt ttaagggaact      180
agcgcccttat tttgaagcgc tgcacaagag ttccctaagc gttgacgaac tagagtccct      240
taaaaagtct tgtattgagt ctatcaagat tgctacccgc cagtattcgg cctcgcaaat      300
caaatggatt cgaaacaaat tatggaattc tcttgacag agcggtatga cgcctgcct      360
ttacctctta gatagcacia acgtgggaga ctggaggact tycatcacgg agcggtccga      420
gtctcttaac caggcccttac tcaaaagcga atctacgcg gacccgaaat cattctcaga      480
gttagcaaga accatcttag gcgcataaaga agctcggtcg caaaagggtc cagggttccgc      540
ggcgaaatgt ttcaacctgc acatttgccg caaaacaatg gtaaacgaag aacagtggca      600
catccatctc aatggacata gccatanacg agttctcaag gctatggcca aaagagcaga      660
acgtgaggaa tctctacaag ctcgaaaaga aagtacgaga aggatctctt ngtgacatga      720
atcactagaa gagcagaact t              741
```

<210> 5249

<211> 518

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(518)

<223> n = A,T,C or G

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<400> 5249
catgattcgg acgcggaaat cgaaagcaat tcagagctgt ggcaggtccg gacggaccgc      60
gggaagcctc ggaaggatca actaracaa attdacaaaq tcttcgggtg caaggctgag      120
cgcaaacacg ggcaggaatg ggaggaagag cggcatgaaa cgaagtgggt atgggggggt      180
ttgcatgggt taacggccca cgcgcagatg aagacacctt ggttcatcct gatccttctc      240
atgacagctc tgcagatggt gcgcagtaat tactttrctg cgacgtgctg atcacagtae      300
gagtttatgc taagatacgt acggcaggcg gaaatgatca acgacttctt tgatggttgc      360
ttgcccgtag ggggtgtgct ttccacgccc gtcacggggc ttttgctcga ntaattcagt      420
gtggcggtta cattaggaat gatcgtgctc ctgacaaaga gtactggggc cgtgaatctg      480
tcccacccgg tggacggctt tttgacogna ttctctgg              518
```

<210> 5250

<211> 1241

<212> DNA

<213> *Aspergillus oryzae*

<400> 5250

caactatgaa	gggaagagcc	cgacgggtatt	gategttggg	gctggccaag	ctggactgac	60
aatcgccgcc	cgtctgaaaa	tgctcgacat	cgatgctctg	attattgacg	aagaagatcg	120
catcgagat	aactggcgta	ggcggatatca	ccagctgggt	ctgcatgacc	ctgtatgggt	180
cgaccatatg	ccctaccttc	agttcccggc	aaactggccc	atcttcacgc	ctaaggacaa	240
actcgcgag	ttctttgaat	gctatgccaa	gcttcttgaa	ctgaatgtgt	ggactaaaac	300
caagcttcag	tctacctcct	ggagcgacgc	aaacaacgta	tggaccatcg	agctccaacg	360
acagaaggaa	gacggcacag	tcgagactcg	taccttcaat	ccacgtcatg	ttatccaggc	420
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gaagcgcac	tgccacagtt	ctgagttccc	cggtgccgac	cccaacagca	aaggcaagaa	540
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gggatacgac	gtaactatgg	tccagcgtag	ttcaacatgt	gtcatctctt	ccaaatccat	660
caccgatata	gggctcaagg	gactgtacga	ggagaadtgc	ccaccgggtg	aagatgccga	720
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ggaccgtgga	ccggatgatg	cgggtctact	gatcaagtac	ctccagcgcg	gtggcggtta	900
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tcttcggcga	cgaggtggcg	gatcgcatcc	agagtgggtg	gggatataat	ggaaaaagcg	1140
agatgcgtac	catctggcag	cgcagcggac	accccggttt	ttggttttatg	ggccggaatt	1200
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<210> 5251

<211> 596

<212> DNA

<213> *Aspergillus oryzae*

<400> 5251

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ggcttcaatt	accctattat	gaacatattt	gagcgcggac	tttgtgttct	tcaatgccgt	180
tatatccatg	ccgttatatt	ctccgctcct	ttttcaccaa	gtgagcccta	cctaagagcc	240
atgccccata	gtgtcccgga	tgtgttttat	catggacccta	ccacatttat	tccacttaca	300
tatgatccct	acaactgccc	caaacgaatg	agcattttca	gagaaacagg	tagccatgat	360
ttccagcatg	tgaatgctgg	cgaatatagtt	gggaggatcc	taaaaagccg	tgaagcttat	420
gaagagagac	agcggggcga	gtttcacaaa	gggtgcattg	aagatctgac	gaatgctaata	480
gaagactcaa	tagattatgc	aagcgactct	ggccacact	accggacgat	ctggatgtaa	540
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<210> 5252

<211> 649

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc feature

<222> (1) ... (649)

<223> n = A,T,C or G

<400> 5252

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gtcgggtcac	atagttacgg	tactttacgg	gacctccgac	ccaaccccac	aggtttataag	180
gggttccactg	cgaagccggt	ctctatccgt	cgttcactct	acagcaccgg	aaccaccatg	240
gcagccacta	agatcgatgg	cacgcagatc	gccaaagaata	tccggggcgg	tctgaagaat	300
gagatccaac	agatccagga	gtctaattccc	agattcaagc	ctagcttggt	tattttccag	360

gtgggcagca	gatcggatcc	aagcaattat	gtgcgcgatga	agttgaaggc	tgccgaagag	420
gcgggcatca	tctgcaagaa	tgtcaacctt	cgggagactg	ctatcgaatc	tgagctccct	480
caggatatcc	ccaaggccca	caatgacccc	ttcgtgcaag	gnattctcgt	tcaattgccc	540
tttcgcaaca	catgtgcgaa	cataccatna	cctctgtcgt	ggccgatgag	aaaaaatggt	600
aaccgttttc	gagccgacca	tatttgtgga	cttaaccaga	aaaggcgcg		649

<210> 5253

<211> 646

<212> DNA

<213> *Aspergillus oryzae*

<400> 5253

gtaattctca	ctaccattca	atctcattaa	gatggcgagc	tctacccttt	gtattctttg	60
ctgcggcaac	ttggggcgcg	ctattctaaa	gagcttaatc	gatggcccca	aagataaaca	120
cggtagtgcc	cggttcacac	ggttcatcgc	atgtgtcagg	agccaagaat	cggagcagcg	180
cctgactaca	caattctccc	accagtcgca	aaqcttgacg	gttaccgcag	acaacatcaa	240
ggctgtttag	gagtcggatg	ttgtagtctt	ggggctggac	cccgctgtcg	tggagaaggt	300
gctgtcaact	cccagcctta	cggaggcctt	atcgaacaag	ctcctcatca	gtgtcgtcgc	360
tggctggacc	cggcagaagc	ttgagaccac	cctgtatggc	agtccaacca	caacgagcaa	420
cggcgaatgt	cgggcgtggg	tagtgcgtae	gctgcctaata	atcgctgcgt	cggctctaca	480
aggtctcacg	gccatcgaga	tatcatagcc	agaagtttcc	gaacactacc	agaagatcac	540
ggatgcggtc	tttgacaacc	ttgtgaaaga	cagtacacat	cccccccgac	tctgaaggat	600
gaaacgaccg	cgggtgctgg	atcgacaacc	gcgttctatg	ctgtga		646

<210> 5254

<211> 1558

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (1558)

<223> n = A,T,C or G

<400> 5254

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ttcgacaccg	ttgaaggatc	agggctctta	tacgtaccaaa	agtaacggat	actgccagaa	120
gctctgcttg	aaggataact	atgctgtttt	tgccttgcca	aagggcacaa	actgtctttg	180
cggtaaccac	ttaccggcca	cgtcggctaa	gacggatgat	agcaactgca	atgtcaagtg	240
cgtctggatg	cctgatgtga	tgtgcggtgg	taacaatgcg	ttttccgtgt	atctcacggg	300
tatcgaagat	gatgtggata	gctactcacc	ctcactctca	tctcctcga	gctcctctc	360
tagcaccgag	agtggaaact	cgacaaccac	caatggaggg	actgtcgtta	ctacttcttg	420
tggacaaaaca	gtgttcaaga	cgtcggaaaag	cgaaatgaca	acatagggaag	cggacgcaaa	480
gaaggagaaa	aattctggat	cgaataactgc	tgtctattgcc	gctggcgctt	tcgttggagt	540
tgttgggttc	tgtgcttttg	tgggagctat	cttcttttcta	tggcggttta	ggaagcgttc	600
caacatgcgc	gagcagtata	gcaacaacaa	tatcgacagc	tttggcgcca	agcccatgtc	660
tcaaaagctcc	atgtctgatt	ccaggtttga	cggtgacttc	atggcccagc	ggcgccagag	720
caatggcagc	atcgatgatg	atcaagactt	ctcccgtcga	attctgcagg	tgaccaatcc	780
cgtatgcggt	tactaaaact	aacattgaac	ctcccaaatg	gaccaagccc	ctagtgaatt	840
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cgaatttaacg	cctgaactgac	atacatctct	togatttcat	tcttgatttc	ccctctacgg	960
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tactgttcta	cgttctgttg	caacatgttg	ttcgagtctg	gaactgcaac	gcacccctac	1080
ttccataatc	cagcaacgcgc	cgtgacgtg	ttcggggagt	caaggacgat	atcatctcgc	1140
cggcttgcag	agaatctctt	gtctgcttgg	aaggaaatcgg	cccggacttg	gccttaacgaa	1200
tgtgtgggaa	gtacagagat	acccaggagg	gtccgaagtt	tatgtctggg	tttagactgc	1260
ggtaacgtcga	ccagagaact	tgtattttga	aaaggcgttc	tggggtgaag	tgttcttgaa	1320
ttttcccttat	gaacatatct	gcgttccctc	atacctttct	gttcttgcgc	tggggataat	1380
cggccctggg	ttactttctt	ttgctcggat	gttttctatt	tatttgcgat	ttactgaact	1440
tcccttggcc	atcatctccc	taatgttgtt	ggtatgcttg	gggaactgta	agtaagatga	1500

tggtctgagcc tctagttaat gcgaagaatg aatggatacc actcnttqgt gaaaaaaa

1558

<210> 5255

<211> 680

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(680)

<223> n = A,T,C or G

<400> 5255

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atgcaggga	ggcatgatga	ggctggcgat	gtcactgctc	gacttggtgg	caaggtagaa	180
gaccacccag	atgtagagga	agaactacgc	agcatttaacg	aagcattgga	agtacagagt	240
cgtggcgagg	gcttcaagta	ccgtgaactg	ctcaccaacg	ggccgtcaca	gaaccttcgc	300
cgtctactt	tggccatggg	ctctcaattt	ttccaacaaa	tgtgcgggat	aaatctcgtg	360
acttactacg	caactgcgat	ctttgagaac	tctctcggat	tccgtccaga	aatggcacgt	420
ctacttgccg	cctgtaatgg	aactgagtag	ttcatggcgt	caatcatagc	gcttgcactc	480
atttgacggg	accngtcggc	cgaagctgat	gataaatcgt	gccttttgga	tgatggcttc	540
gatggcattt	ctagcttgca	ctgtattcac	ggncgaaaata	ntggaanatg	gagcacctaa	600
gctggagaca	caatatgggt	tcacggggac	tggngttcta	tttgnittca	attccttctt	660
cgccattggc	ttgtcgggaa					680

<210> 5256

<211> 683

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(683)

<223> n = A,T,C or G

<400> 5256

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cgttgccacc	tgcgacaca	atgcctgagc	acgaagaaga	tctcgttgcc	tccaagaccg	120
agggtttcaa	ggtcggggag	aagaagacaa	tcaatgagta	caatgagctt	gccaacctgc	180
ctcgtggcat	cgcctcttac	cgttatgcaa	gaacggggagc	tatggaactc	caaaactcca	240
ttccagctgc	cccccgagct	agtgtgacgg	tttgctttct	tccaccatgc	acgcataatat	300
cccgtaacgc	ggtgctaaac	tttgaaacctc	atcagataaa	aatgacgaat	ccctaaacccg	360
ctggaaggcc	tctctaggcc	ttgcaaccgg	tgcaacaatt	ggagacccca	gcgatccag	420
gaagtgcate	atcaagtctc	tagccctgga	ggttgaggga	cgcctccgatg	tggtcatcga	480
cgtgtccgca	cccggtgcag	ttgatactct	caaggacaag	ccattcacca	tcaaagaggg	540
tgcccacttc	cggatcaagg	tctgtctcca	ggtgcaccat	gaagtcttga	gcgggtctga	600
atacctgcag	ggtcgtaaga	ggaaagggtg	tagagttagn	caggacgang	agatgcttgg	660
cagctatgcc	cccacaccac	cgg				683

<210> 5257

<211> 686

<212> DNA

<213> *Aspergillus oryzae*

<400> 5257

cacatgacaa	tccacttctg	ctgcaactac	tctttcgcag	gactctccaa	cttccctccc	60
accattatct	aagaaatggg	ctatacgtct	gtcaacgcac	agggactctc	ggcgactcca	120
taacttcgct	cattcctcct	ctgcacgta	gctgctctta	tatccgatcg	atggggacat	180
agaggattag	tgatcacccg	atctgcggta	gtcggaatgg	tagggtagct	cattctcggc	240

gcggtggagg	acgagcacia	aaccgggggtg	agatattttg	gagtgtggct	ggcgacctgc	300
ggagtgtttc	ctgcgttgtc	gattaatatc	acctggctgt	tgaataatca	gggaggggat	360
tccaagaagg	gcgctgggat	ggctatatgt	gcggttttcg	gtcagtgtct	aagttttgtg	420
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gagaataggc	gacgtgatcg	aatgtatggg	acgggtggatc	cagatgtccg	ggtagatggt	600
acaagggagg	ggagacatca	ccccagttt	cggtacttga	cttagaatat	gtagtctgac	660
agttatacca	tacacatatc	gatgtg				686

<210> 5258

<211> 705

<212> DNA

<213> *Aspergillus oryzae*

<400> 5258

tccattgag	agtctcatte	cctcttggtc	actttttcttc	cctcgctttt	gatattcgcg	60
gcaggagggg	atgagatctt	gaggcacacc	agtcacacgg	aatttatattg	actggaacct	120
cggtctgtct	agactgaagt	gtacaattga	aacttttttt	cacctccgct	ctgggaagaa	180
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ttcatagacg	gcgaagcaga	aactcctgag	cagaagaagg	ccagacaggc	agagggctga	480
aaagcaccaa	agcgggaaca	actccatggt	cgcattaaag	aagttttcct	cgagaagcct	540
gccatccccc	cgacgaacaa	tttcacactc	gtaaccgcaa	tatttaccac	tctgaatgta	600
gagagaggca	tgcgacatac	cgtggcaagc	tgcccgcctaa	gatcgaatat	cgggtgaaca	660
atggagactg	gatggaggcc	gtccaaaaat	tggggccaggt	cccct		705

<210> 5259

<211> 717

<212> DNA

<213> *Aspergillus oryzae*

<400> 5259

cagaacctaa	cgaaaccttt	tccccgttca	tccgccaaat	acagtcaata	tgggtaagggt	60
ccacggatcc	ctcgtctcgtg	ccggtaagggt	caaggccgcc	actcccaagg	tcgacaagca	120
ggagaagccc	aagactccta	agggccgtgc	ccgcaagagg	atcgtctaca	cccgtcgttt	180
cgtcaacgtc	accatgaccg	gtggcaagcg	caagatgaac	gccaacccca	gctcgtaaaag	240
aacgcactct	cgaggggttt	gatcgtccgg	cgaccgggaa	tcccctaggt	cgccgtggcg	300
aagggagggt	gagaatgtga	tgcataattg	cgttgaggcc	atacgtggca	tttgaacggg	360
tctctttttt	gcttctgac	ttgcgaaacg	ggttcaaaga	gtcgggttag	gatgaataat	420
gttcagttat	cgaacttgac	atatgggcga	atacaatcac	atattcggct	tctcaaagat	480
ctactgagac	aacacgaact	tgttttattg	tacacttggt	ttccggacaa	cctccacaat	540
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tgagaaagac	ttgccatccc	gggaactccc	cgttctcgaa	tataccccac	ccatcttttc	660
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<210> 5260

<211> 669

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(669)

<223> n = A,T,C or G

<400> 5260

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gcaggccatc	tacggcgagg	agatgaccca	ggccttctcc	ggtgggtctg	tctacgaata	180
cacccaggag	gccaacaact	acgggtctcg	caagatcaac	gacagcgaca	ccgccacttt	240
gctcgtcgac	tatgacaacc	tgcagaagca	gtacgccaa	ctcgacatgg	accgcatcca	300
ggcctccaac	tgcaccaga	cttcccttac	ggccccaa	tgcagctctg	acctgatcaa	360
gaacgggtacc	ttcctgagca	agttcgacct	gccccctcg	ccctccaagg	tccaggacat	420
gacgcacaat	gggtctgtcca	aggccaacac	cggtaagctg	gtcgatgtct	cgacgaccgc	480
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cttttccagc	ggtaggtcca	acacccccgg	caacagcacc	tccggaagct	ccagctccgg	600
ctccagcagt	gactccgaca	acaccaagga	caacgcagcc	ggcaagatga	ccgcttnctt	660
catgggtct						669

<210> 5261

<211> 1184

<212> DNA

<213> *Aspergillus oryzae*

<400> 5261

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catagtcgcc	aatcacaacg	cacaaaagtg	acagttactt	tcttctccgc	ctttctatat	120
cccgcatacg	tcgttccagg	agaagggtgac	acggtaggca	tttctgtgtt	tggtccggcc	180
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tcagcaagac	acgggcagca	aggagagcgt	tctaaaggtc	cagagcaccg	gagatggtga	480
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caccgaccca	aatactggac	ttccccagag	tgtgcttatt	gcattggtgtg	gggagggcgt	600
tcccgaaagg	acgaaggggt	atttttactag	tcacctatct	gcggtctcaa	aattgttaca	660
tggttaccat	gttcaaatca	ctgcacgtgc	ggacggggac	ttgactgcag	aaggaattat	720
acggaaagtt	ggggacgcct	ccgggtgctaa	atactctgca	ggagctggac	agccggccgc	780
cgctcctaca	aagccgcca	tctcatccaa	gccagttttc	acaccatcgc	ggaccgatgg	840
tatcagctcg	aatgccacac	cagctgctcc	ccagaaaact	ctccagaaaag	atacggacaa	900
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ggcctacca	ccaaccaggg	ttaacatata	ggcccttaga	tcaggaaagc	cacatgtagc	1020
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accagtgggc	aaagtagaca	ttgctgccat	aaggaggcaa	gcacgtgagg	caggcgaaat	1140
gaaggatgac	cggccggaac	cagtgaaggg	agcatacgaa	ccag		1184

<210> 5262

<211> 655

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(655)

<223> n = A,T,C or G

<400> 5262

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ttatctttca	ttgggtgaagt	tggacaagtg	tctgggcagg	cgggatttgt	gatagcaacc	180
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ccaacatcaa	aaacttaactg	aaaggccagg	aatcaaggcc	tggggagggtg	aagctctctgc	420
gaaagctgga	ttttcttcac	ctttctctttt	gttggtttgac	atactttttc	aatttatctag	480
atcgctctaa	actatctaac	gcgtatgtgt	cgggcataga	agaagagctc	aacttccaaa	540
gaaaccaatt	aaatgttatc	aatacgggtt	ttactgtcgg	ctatatctct	cggcaaatat	600
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<210> 5263
 <211> 714
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(714)
 <223> n = A,T,C or G

<400> 5263
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 ctctctcaagt ccagtcaccc atctcgatct tttttggaac gagagaaccc taccttcggt 180
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 cgggctcccc atcttctccc ttttcatttg aaccttttta gttctcaacg ccgatcttga 360
 ccttcttctc tgggggaggg atcactttgt cctcggcggc acccttcagg gtgggaagct 420
 ccgatacggc ctccgcgatg atctctaggg acttcttgat ctcatcatcg gtgatcacga 480
 gcgggtggagc gagacgaatg atattctcgt ggggttgctt ggcctggggg acgagattag 540
 caccatttac atgaatagct gggacattcg aagtacttac caacagaccc ttctccttca 600
 tcaacatata gaggtcccat gcagagtgtc cattggtctt cgactcgtca atgacaatgg 660
 cattgagcag acccttgcca cggacggctt gaatcatcgg gctgntgatg gcct 714

<210> 5264
 <211> 669
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(669)
 <223> n = A,T,C or G

<400> 5264
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 gtccatttat tccgtgtccc agcgcttttt taaaactgcg caaaaatgaa tcttcacata 120
 tgggttccgc gccaacatgc cagtcctgtct aattttggcg gcacgacacc agcaagccgt 180
 ggatctagca tccggatgcc gcgtttcttc aaaaggatgt tcaagtttcc acagatggac 240
 tttgaaatgg ctatatggga gatgacatca ctgctgatcg ctcccaagaa agttttcaaa 300
 totatctact accataaaca aactaagaat acctggcctc ggcctgaccc ctctttcacg 360
 tatctacttt gcttctctct gctcctcaca gctcttgctt ggggtctagc atatgcgctt 420
 tctttcggag ctattgtccg cttgtctcta cttttcatct ttgtccattt catcggtatc 480
 tcattgtctg tgtcgacaat agggtaactt gtcctcgccc gacttttcgg tccagatgga 540
 ggggcagcct cctctctctg gttgcgaggg ggacgtggac ggagacgtgg tgcagcacia 600
 ggtttgttct tgcaaccagg cgaanaggat caattagaat ttggatattg ctttgatgtc 660
 totaacggg 669

<210> 5265
 <211> 688
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5265
 gtaaacctcc tttctagata taagcgatcc taagggtgtg cttgagantg cattecgcaa 60
 cttttctatgt ctgacaaaagg ggcagctctt cacatttgcc tacaatgato aagtctatga 120
 gatggcggtt ttggaaacta agccagccac caattcgaat gccatttccg tcttcgaaac 180
 agacctggaa gtcgactttg cccctcctgt aggatacag gagccgcaac gcccagtggt 240
 taccagtact ccccgcgagt gtgtgagcgc aacgaagctt ccggctggcg ggtaacttca 300

tccccatgga	accatggctc	aatcaattaa	ctatgcgcgc	attgcccctg	agtctactga	360
cgccgcccgc	ggggcaaaa	cggtgtcgtc	aaacttccct	atcggtggac	agcgtctgaa	420
tgcgaaaaag	ggaagtaagg	ctccaactcc	aaaggcctca	acaccaacac	ccggagccac	480
aaaccctcaa	caccctcctc	ctgtcaggcg	gaccaacggg	ccaatgccgc	tccggctccc	540
gcctaatacg	ttattctttg	gatatgcaat	caagcccgtg	cagaagcgtg	acgaaagcgg	600
ccaggttgtc	gaggacgaga	agccccgttt	tcagggaagt	ggtcaaacgt	taagaaggaa	660
aaagaaggat	accggaggct	ctgcaacg				688

<210> 5266

<211> 689

<212> DNA

<213> *Aspergillus oryzae*

<400> 5266

ctgccattga	cttagctggt	tcagaggatt	ttcgtcgaac	agacaatgac	aaagagcgca	60
tygttgagtc	agcgagtatt	aacaagagcc	tttttgttct	ggcacagtgt	gtggaagcca	120
taagcaagaa	acacccataga	atccccgtaa	gagagtcacaa	gargacaaga	atcccttctc	180
tgggacagaa	caatggactg	acggtgatga	ttclcaacct	cgcacccatc	aaatctttatc	240
acctggacac	cttaagctcg	ttgaactttg	ccaaccgcac	aaagaagatt	gagggttcgtg	300
aggtggagaa	cgagccgatg	ttcaaagggc	ctccgagacc	agcagcgcg	ccttcagtga	360
ctgcccctaag	gcagcctctg	cgtccactga	ccgctactgc	caatgtcaac	cttccagcac	420
ttgcacaacaa	agacaaaagt	gcgtcaaaa	ctggagaaaa	gccagtcaag	gcgttccacg	480
tctactctga	caaaccgcgg	tctagggatt	cttaccaatt	caaaaaacct	gagccaccaa	540
agcgtccttc	cctagattct	aatcaccgct	tgttaaagct	cagccgaatc	acgcagcccc	600
ttcagtcaca	aaagcagtac	gaagatatat	ctgccgccaa	aattgaaaaa	tgggtgaaag	660
aaggttaagga	gaatttggct	gaagaactg				689

<210> 5267

<211> 671

<212> DNA

<213> *Aspergillus oryzae*

<400> 5267

cgcagaacta	ttacaacgcc	tttccgcacc	tgtaactctt	ttcccaaaat	caacatagaa	60
agattggatt	ctctcaatga	gtccgaatac	gcggccggaa	tgagccatga	cgctactccc	120
accgcagttc	ccgctgcacc	accagacctc	cgctacatcc	gctatgacgg	cgcacgcgaa	180
gacgaatatg	tcgctgctat	gcggcaacta	atctccaagg	acctctctga	gccgtacagc	240
atctacgtct	accggtatct	cctctaccaa	tggggcgatc	tctgtttcat	ggccatggat	300
gacacactgc	cggaccgat	ggtcgggggt	gtagtctcga	agctggaacc	acatcgcggc	360
ggcccattaa	gagggatat	tgcaatgttg	gcgggtgcgag	aaaagcattg	aagtgcgggg	420
attgccacca	aattgggtcc	aaaggcaaat	gatgccaaaa	tttggcctga	agccgaacaa	480
aaacgctcca	aaacccaaa	tccaaaacgg	ccccctttaa	ttgttttaac	cacgtggggg	540
cctcaccoga	aaagaaatgg	ctttatctta	ttgaaagggt	aaccggccat	tcgttggggg	600
ctaccccaaa	gggagggggg	ggggcctatg	cggagggggt	aaacacaata	gggccccctt	660
aattgtttgg	g					671

<210> 5268

<211> 695

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(695)

<223> n = A,T,C or G

<400> 5268

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gggtgtcagg	ttttcggtga	attcnagttt	tggctgtcgt	ccttcaagg	gatagtcate	120
ctaaqtaata	tettgctatc	tttcattctg	atgctgggag	gtggtcacct	tctcgaccat	180

ataagattct	gttactagaa	gagttctgaa	gcattaatat	tatatattag	cgaaggatat	240
tttagtagca	tttttttgat	ttgttatatt	atagattctg	atztatgtac	atgtcagatt	300
acgagtcatt	atatcattat	acttctgctt	tgctacgtgt	cacgatttta	ttataatatc	360
attggttcct	taattcaata	ttatactgta	caataatata	ttgatatcta	tttttctatc	420
ttttttcaat	aatttttacta	agagatcttc	attatgttat	gtctacttgt	ttattttgac	480
gatcttattt	ttattttatg	ctattgattt	tttcataata	tcctagaatt	tataaatact	540
taatttcttt	gccatcttct	tttacttaac	atttaaacta	ttattattac	tattaacgat	600
cattattaca	tttcatttat	ctgttatgtt	gatcatctca	tcatcattta	gtagggtgtac	660
tctattttata	tcattaatat	agctatataa	tttctg			695

<210> 5269
 <211> 642
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(642)
 <223> n = A,T,C or G

<400> 5269						
cgagtacagt	gattgcctcg	ggtctggtgg	cgctgtcgag	tccacggcct	gcatattacc	60
cctccaact	ccccctcgc	gacattgggt	ggcattggca	ttgagaccga	tgtaacgcat	120
cgcgttgctg	ctgcctttgc	tcttccagcc	cacccccgc	cccaaggga	tcagaccatc	180
ccattgctgg	aattcgcaat	tcaccaccga	gatcttcgac	cgttcacgag	acacgaaatt	240
aacgaagtgt	accttttate	tacccatccg	atccggccgg	tttgctgaa	ttgaatcgtc	300
gcatcatact	ctttgggtgga	aatttaggag	gtacgatacg	acagacagag	attgtgttgg	360
aagaggtcga	ttgaacctag	catcgcatcg	tcccgatctg	ctcgaggcgc	tacatctgat	420
cgaataaact	cagtggattg	aggggggaact	acaattgctg	tttcaatgcg	gccacaacgg	480
gaatatcata	ttgtcgtgct	cggagctggt	ggagtgggaa	agagttgtct	tactgctcaa	540
tttgtccaaa	atgtgtggat	tgagagctat	gaccocgacga	tcgaagattc	atatcgcaaa	600
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<210> 5270
 <211> 678
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(678)
 <223> n = A,T,C or G

<400> 5270						
gotttggtgc	cctgaagggt	tetaaccatt	ccatcgagaa	tgaattgaaa	ctgtacggca	60
gctgtttctg	tccttctgtg	cagcgtgtat	ggatagcctt	ggaggccaag	ggcattccgt	120
atcagtatat	cgaggtagac	ccctacaaaa	agcctcagtc	cctattggag	gtgaacccaa	180
ggggccttgt	ccctgccttg	cggcacggag	attgggggtc	acatgaaagt	actgttttgc	240
tagaatatct	tgaagacttg	aacaccgggc	cgcctctgct	ccctccaggg	gatgcgaaat	300
ttggagctca	ttgcagactc	tgggcagact	ttatcaacgg	caacataagt	cccaacttct	360
acogtgttct	tcagggaacag	gatgagtaga	agcagatttc	aaatgcgcga	gaacttaagg	420
atgcatttgc	tacgctagtg	aatgcgcgcg	actcacaagg	cccattcttc	ctggggagcta	480
atatatcatt	tgtggatgtc	caggtggctc	cctggatcat	cagattgagc	ngcgttctga	540
agccttaccg	cgtttggcgc	gaccccgacg	canggagcgc	atggggcgcc	tgggttaacg	600
catcgaagc	taatgagcac	gtcaaaagca	caagtgcga	tgaactctat	attgacagtt	660
ttaaogatat	ggcccaan					678

<210> 5271
 <211> 800
 <212> DNA

<213> Aspergillus oryzae

<400> 5271

gaaaagaaac	cgggacggac	cggaaggtta	tggtcagat	gcgatcgggg	cggacactat	60
cgcccgcgca	acggcctcac	cgaggagacg	aggaaacggc	ggcgaacgtc	gcggttgatg	120
gactgtccat	tcatgctagt	cgcagctgga	actcctggca	tctggacgct	gaccgttcta	180
aaccgcacac	ataatcatgg	cccagttgtc	gaaaaacccc	ggcaagctcc	tcatcacaag	240
gttcggaagg	gccaagtgcg	ggcggcaccg	tatgattggc	cgcattgacg	gactttaaca	300
ccatatacga	ctgcattagt	gcttatcgat	atgcaaaagg	atttctgctc	gccagggggg	360
tacatggaat	atcaaggcta	tgatatatca	gctgcccatt	cacttattcc	taagctacaa	420
catctcctga	atgcgtttcc	agcgtctggg	tttccagttc	atcatacacc	tgaaggtcac	480
cgaccgcgac	tctcaactct	ctcaagtaga	gaggcgtacc	ggtcacgaaa	taacgcttcc	540
gggcttggga	ttgggtcccc	gggtccattg	ggcgtctctc	taatccgggg	tgaggttggc	600
cacgacaccg	ttgatgaact	gtatccgatt	cacggggagc	cagtcattcg	taagcctggt	660
cgtggggcat	ttgctcacac	tgacttcgag	cttcttctcc	ggaataaagg	catcaagaac	720
ctgggtgattg	caqqaqtaac	taccgatgtc	tctgtgggtc	ctactattcc	tgaaagcaaa	780
cgaccgcagg	gtcgactgct					800

<210> 5272

<211> 671

<212> DNA

<213> Aspergillus oryzae

<400> 5272

gaagttcggt	ctatttttcag	tcaaggattc	ccaggccatt	gaaatagcat	tccagaacat	60
agccgctggt	gaggggtggaa	aagacgaaaa	taaacctaac	gagggcattg	gcgaggccca	120
ggaactcaca	aaggtacctg	tcaatgagga	ctatctcttc	gatgtggatg	tagagcgaag	180
ggagctcagt	ccagcatatt	ggataggccc	cgtatacgaa	gttcgtcgtg	ggacatgggt	240
tgtccaggac	ggctccacga	ttaaaccatg	tgaagagaac	ctcgccaccc	aacttgagga	300
gggctatcta	aaagttaaac	cgtggcgctt	tgaagaagtt	gaagagccca	gcacgttgcg	360
cgatcgtact	gaaaatggcg	ggcatatgac	ccacgtacct	gcaaattctc	tctacaccta	420
tgcgctgttt	ggcgccata	tgaatagctt	ggtgacatac	caggattcgt	cgacagcatt	480
actgacaaat	gatgacttca	tgtcccggtg	gagcaccacg	gtataccaaa	agctgggtgg	540
ggtgccaggt	acacgaatag	tacgcggttt	ctctgagaca	aaaagacaga	aggaaagccc	600
tgattctaga	aaoccccaacc	gaagaatcaa	acaggggtca	tctctactcc	cgaagcacgc	660
cattcagaat	a					671

<210> 5273

<211> 616

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(616)

<223> n = A,T,C or G

<400> 5273

tatcaggacc	atcagctgat	gacctacgcc	tactactcga	gtctcctgcc	caacgagacc	60
tttgagcgta	tctactcagg	tgcactaac	atcgaacgac	ttattcaqaa	qaacgacccc	120
atcatagget	ggacgcggcg	cgatgtctac	tgaagctcc	ggcccagcga	cgaggagggc	180
aaggtctctg	ggtcgcggtt	tgagagcgcc	tggaaccggc	actacaagac	taacccaacg	240
aagcgccttt	ctatgatcac	gtcgctcaat	ggcttccccc	gggaatccac	cggccagcct	300
qaagtcacgt	acttctcctg	ctccaccttc	accccgtaac	cctaactccc	tgcccacctc	360
caatcacct	ccaaggacct	tgatgcgctc	ctcgactttg	ccacgggctt	tttcgcgcac	420
qaggatgaca	tgcacatcaa	aaagtccgtg	tggtccctaa	agaagcagcg	cgagatcacc	480
cgcgcgatgg	acatctaccc	cggcgagttt	gccccgctac	acccggcttt	cgcgcgggac	540
tccgacgcgc	ccacccccctc	ggagccccct	gacgggcctc	tccccgacga	tgtgcccgcac	600
attgtgttca	cggctg					616

<210> 5274
 <211> 654
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(654)
 <223> n = A,T,C or G

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<400> 5274
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tgggtttaag gcttcagatg ttgtgcacac tatatgctac tctcttcttc tattaataac      180
cgaccttcac cttgcggata ttgaacaaaa qatgaccaag ggccaatttg ttcggaacac      240
aatgcccacc atacatcggt tggccttcga cgcagccccg gatgggtttg aagcactcca      300
tgtagctcac gataaatcga aagtgtcggc ccgqqaatct ctgacgtctc atatggatga      360
gtccgatcgc gggaacatgg tcgctgataa gcccgcaaat gcgccagcaa agctcgtgaa      420
tcgactttct cgaactgatc tctccgttaa actgtcaggt gatcctgaaa ccaacacagg      480
cccgtttgta aatgtgccat tcaatggaac cgataaggcc tggggccagc aagttgaaac      540
cgttcttaag gacttctata cttcgattca naagcagaga ctcccacttt atgggtgctca      600
agcagagaag gaggcgcttc gagcttcacg gaaccattta ttgtcccta atcg      654
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<210> 5275
 <211> 684
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(684)
 <223> n = A,T,C or G

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<400> 5275
gaagaaaaga actgcgggtt gcctgcaagt tctcgtcga ttcattctta tatecttaga      60
atatccctaa ctacgtttcc ctcaactctca atatgcccgt cgttgcaggt cctcctcagg      120
cccacggccc ctctaccttc gacaagatga agatgggtgc tatgatggga tcaaccgtcg      180
goggtatcat gggcttccatc atcgggaactg tcaccatctt ccagtacggt gccggacca      240
acggtgttat gcggaccttg ggtaaataca tgcttggttc tggcgcgact tttggtctct      300
tcattgtccat tggcagcgtc atccgtaccg aaggacctca caacgatgcc tggctccgcg      360
ctcggggacc ccgatgatg cttcctcgtc aaagccctct gcggcccatg cgtcagtagc      420
tgccgcagtc ccgacttgta gcggaatggt gggaatgtga aacttcccac ggggttatctg      480
tacaatagta tttatcctga cgaacaatct gtatggccga cggggcacag gcggtcgaca      540
gttaatgcag gagaggggat yaaaggaagc agggatgac tctgcataat gtacatacac      600
tctgggcatt gggacggact tgagacattt tttgcccggt gacaggatgt cttttggggt      660
acaacaaagc taaccgggta atgn      684
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<210> 5276
 <211> 684
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5276
ggcctgcgca acccagagat cgcgaagtgg attgcggaac aggggcgcctt ccccaacgcc      60
atgggtcgacc gtatcacccc tcagacatcc gccaccgata aaacggcact cgcagacaac      120
tttgcacatg aggaactcgtg ggcgctcgtc acagagccct ttatgcagtg ggttaattgag      180
gatcagttct ccgatggccg cccaccattc gagaaggttg gtgcccaggt ggtcaaatat      240
gtccacgagg tgatggagaa cccactgttc agcaagtttg tgtggcaaat gatgcaggac      300
gaggtgaagc cgttggtgcc cgagatcccc ggcgtaaca ttgatgagta ttgcaagacg      360
ctcatcgagg gcttctccaa ccccaccatc atggaccaac tgccccgcac ctgcctcaac      420
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gcttcggggca	agatcccaca	atztatcatg	ccttcgattg	ctgaggcgat	ctgggttact	480
ggcccattcc	gccgcctgtg	tttcgttgcg	gctgcctggg	tccattacat	taacggcgtc	540
gacgacagcg	gcaagaagtt	cgaagtcgac	gacccgatgc	gcgaggagcc	tccaggccaa	600
gctcgcgcaa	gaagcaccaa	ccccggccga	gctttctcaac	ataagaagcc	tgttcgtgac	660
gacctgggcg	gcgaccagag	gtct				684

<210> 5277
 <211> 707
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(707)
 <223> n = A,T,C or G

gagtcgtgccc	tttgaccccc	ccgcacccat	ccccacggga	aaagtcgtcg	aggttgacaa	60
ccctgtcatc	ttcaaggccc	tcacctcttc	cggccccgto	gtcgttgact	tcttcgctac	120
ctggtgcggt	ccctgcaagg	ccgtcgcgcc	cgtcgtcgga	aagcttagtg	aaacctacga	180
gaacgtacgc	ttcattcagg	tggaagtcga	taagaaccgt	caggtcgcac	aagatatgaa	240
agttaggggt	atgccagcgt	tcattgtggt	caaggatggc	aagccccatg	gagagccgat	300
tgtgggcgga	aacatgaagg	ccctggagga	tagaatcaaa	gaagttgctt	agatattgca	360
ttgagagatg	ggatcacaa	agcgttgacg	gataagcgca	tattgtgccc	caggaaatcg	420
caatgattac	gaacagttga	tacaccaatg	taccgtatag	actccggtgc	cattgagatt	480
ngcaaagata	cccgttcggt	catgttcggc	ctgcacgtta	ctccgtcgta	actggcctgt	540
ttatgtaccg	ccatttcttc	cgcgtctgta	ctatacggct	ctttcattaa	tatttctttg	600
gactgggtacc	ataaaaccat	taaggttgga	aaacagggtt	tcccgtccgc	tatgccgtgg	660
gcatacggaa	aatgtccccc	caagggagcc	cctgatttta	aatgaat		720

<210> 5278
 <211> 975
 <212> DNA
 <213> *Aspergillus oryzae*

ccgctttctac	actgaccatt	ggctctactc	agaagatgca	tcccatttcc	cctcattttgc	60
atctgtctgac	ctccgctgcg	tgacatctag	attaagggaag	aaactggcgc	cgatgtcaca	120
actcagaggaa	actattaccc	ggataagagc	atggcaactg	ccgcgaaccc	cccgtgttac	180
ctacatgtga	cgagtacgaa	caaagaaggc	ctggaaaagg	ccgtggattt	gatcaacgag	240
ctcatgaaga	aggaactccc	caacctgggtc	gatgagcgcc	gattccgtcg	acgtgagccg	300
gaacaagtgg	aacgtgatga	atacgttcgt	cgtaaatggc	ccgaggagcg	gattccagtg	360
gacottgagc	caattcctgg	ctttaacctt	cgtgcccgag	ttgtcggaca	gggcgggtgca	420
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ggcttcatgg	aacccagtac	cggcagagaa	agcgaggagc	caatgttctt	gcattgttgt	540
ggacccgatc	ccaacgatgt	taagagcgcc	aaagagctgt	gcgaggacct	tttggccaat	600
gttcogagaac	agtatcagcg	cttcaaggag	aacccgcccc	agcacaacta	tggcggatat	660
ggccagcgtg	gagaccgtta	tcagggaggg	ggctatgggtg	gaggctacgg	tggaggtaat	720
gggggtggca	gtggcaatgg	cagtgggtgt	tatgggaatc	attcgcacca	gaactcgccc	780
ttcaggtctg	gtagccagc	cgcccaaac	accacaaat	catccggaag	acaaaccta	840
tcgactata	gcccacagta	tgccacgtat	tcaggatctg	atccctacgg	ctgtacagtg	900
ggatatcaaa	actacgtcgg	ctactacca	tactatcagc	aatacgcaca	gcagcaacaa	960
gagcagttac	aagcg					975

<210> 5279
 <211> 659
 <212> DNA
 <213> *Aspergillus oryzae*

<220>

<221> misc_feature
 <222> (1)...(659)
 <223> n = A,T,C or G

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<400> 5279
gaacattggc tactttttac ctcacgttgg atgttgagga agcgtatgag aagaaacgcg      60
gcgatgtgaa ggaacgtgct gaagagttga ccacgttcca cttcaagacc aagggtatcc      120
gtcaacagaa ctcgaaattt ggcaaggaca agttggaaaa ggagaataag ttttcccttc      180
ggcaaaaaga tcccgcagtc gttgaaaatc cccccctccc ttattctgct gcaacaagcg      240
gcagctttgt tgcggcagct aaatcgaaaag cgaagccagc tctccgccc ccaaagccga      300
agccggccag attcgtgca ccagtggaaa cggtcacagc actgtatgat tatgaggcgc      360
aagcacatgg gcatctcagt ttcttggcgg gagatgtcat tgaaattggg caacggacag      420
acaaccagaa cgaatgggtg actggtcgcg tccatggagc ggaaagacaa gttcctgcaa      480
actacctnca attaatattc tcgattctcc ttctcgcgta tatggcgaat tttatcttgg      540
tctttgcaat ggtcgtttga tgaaccaaga gtcttgcggt gaacactttt ctcccaggtt      600
ggaattttta cctctttcta tagcgctggg gtttggccca ccttcttgta tattatttt      659
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<210> 5280
 <211> 685
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(685)
 <223> n = A,T,C or G

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<400> 5280
gaagacgaca tggattccgc tgetgaacttt attgttatcg gaggtgggtcc ggctggcagc      60
acagtggcaa gccagtttagc caattccccc aagcatccca aagtgttctt tctggaagcc      120
ggaggcctca atgctgagca cgacctgcgg gtggacggtc agcgtatggc gaccttcag      180
aataaacaca tgaactgggg ctacaagacc accccgcaag agcactgtaa caaccgcgag      240
attgattact cccgtggacg gggcatggga ggctccagt ccatcaactt tgggtgtatac      300
actgtaggcg cccgcgatga ctacgaagag tgggcacgag ttgtaggtga tgatgccttc      360
cgctgggagc aaatccagcc caggttcaaa gccctcgaga ccttccacgg tgatcttccc      420
gcgggcgttg atccgaagta cgcagctccc cgagctgaag accacggaag ctctggcagc      480
ctgcacgtcg gtttcgcctc agaatgggag aaagatttac cgcccccttt ggatgtcttt      540
gagcaggaag ggttccccct caatgcggac cacaactcan ggcaatccat tgggatggc      600
ggtctgatta aactctgcta caaagggggt cgtccacagg ccgcggacct attgaaaccg      660
gagcccagag aactttgcta tggtn                                     685
```

<210> 5281
 <211> 695
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5281
ctcttttggc ttcgataata ttgatccata tctttctatg tcccgggtccc tggacctgac      60
cgtcctggga ctgaatagcg gtacttcgat ggatggaatc gactgtgctc tgtgtcattt      120
ctcaacaaga ccccccaggt caccatgagc gttcgaagct ctcaaqtatg gtgaaatccc      180
cttagagcaa acaatcaagc aacgggttat gaattatgac ctccataata aaacctctcc      240
ctctgagcta tgggaggtga atgtcatcct cggtgaaaca tttgcagcgg ctgtcaagga      300
gttctgtgca caatacaatg ttgatattct gtctattgac gtcattgggt cccacggaca      360
gataattctg cttctgtcta tgctgaaga gggagaggtc cgcagtgtc traccatggc      420
tgagggtcca ttcattgcct ccgcacggg aatcactacc gtgaccgatt tccgagtcac      480
gtgaccaagg agcggccccc cagygagcac cgtccattgc ctcttctggt gccttgatcc      540
tgcaccaccc acaaaagttg gcgcttgcaa aatattgggt gattgcaaat gtcctgttat      600
tccgcgaat ccttaggggt gttaatgcct gctacaactt caatcaggcc cgggcaatgt      660
ttttatcgac cttgtggccg ggcataccac aaccg                                     695
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<210> 5282
 <211> 663
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5282
 cgagggggcac agtcgcgcaa ctggaacett tcatccccaa catcatgccg acccttatca 60
 agcagcttga tctggacatg attaaagatg atgatcgtea caggggcttc agtgtgttga 120
 acaacgcctg ctggctctgt ggagaaattg cagtcaacga aaaggcggcc ctatcacctt 180
 acgccgacaa gctgtaccag ggcttatatg tcatcatcaa caacgaggag atcattgact 240
 ccgtaaatga aaatgctgca atggccttgg gaagggttggg aatgtgctgc tcggatcagc 300
 ttgcccctcg ccttgggtgag tacgcggggc cgttcttgaa atctatgaat aagattgaat 360
 tcacacggga gaaggcttcc gccttcttgg gtttcaacca agtggtcacg aagaaccgcg 420
 aggccatgga agccagcctt gcggattact tccaggcgat cgctgccttc cctaccaagt 480
 ctctccacca ggatgattac cgtgatattc agagctcatt ccagcaggtt ctgcaaggct 540
 ataaaaatth gatacccaac ttgatctgt tctcaccga gcttccggct cactgttact 600
 agaaacttct gtctgtatag aaatctaga tttgtctggc actgctagtg ttcaacgagg 660
 gct 663

<210> 5283
 <211> 868
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5283
 cggaaatctt atgatttcat ttgttcccaa cgcattctca cgaaaatggg ccattcttccc 60
 tccaaactac cgtttctcaa ggcgcgggta aggcgcgcga ttgttatctc atacattctt 120
 gactatgtga ttcttgctgc atgtatcgcc ggtttttaca tctcgcactc tatcgagccg 180
 tctcatcngc atttctctct gaacaatatt tcccttatgt acccttacgc tgtccatgag 240
 cgcgtgtcca tcccactcgc cctttgtatc tccgggggtg ctcctttgat tataattgag 300
 gtctatacac tcttgatcga tgggctgttt tctcacaaca agcccggtga cccgacttct 360
 ggtaaaagga agctgacagg cccataccgg ttcaaggacc gactgcggga gctcaattgc 420
 ggtttctctg gccttctact gtcccaaggc cttgcgtttc tcattacca cgggtctcaa 480
 aaatgcttgc ggtaaaccca gaccagacat catcgatcga tgccaacccc gaccaggaac 540
 tgaagatcca ttccgtggct tgtcgaatta cacaatctgc acgggtgatc cggcgatcat 600
 caaggacggt tttcgttctt ggcttccagg acacaacagc tctactttg ctggattggt 660
 ttatctgaca ctgtggcttt gtgggaagcc gcatttatat gacaaccgcg gtgaggtatg 720
 gaaggcgata aatgttatcc ttcttggat tggcgccacc ccttatcgat ttaatcggaa 780
 tatggacgct aggcaccacc ccttcgatg tgaccaccgg ctgcgttatg gggcattgtc 840
 tgtgcctaca ccgtataccg gtccggact 868

<210> 5284
 <211> 684
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(684)
 <223> n = A, T, C or G

<400> 5284
 ctcctcgaga gccatgatct caccctcaat cctgaagatc ctganagtat ccgcaacacg 60
 tacaagaaca ccggaactat cttgaacgac gagtttgaac tggatcatga taatgccttg 120
 gannttattg atgaagcggc agagggctat caattctcgc gttatttggg tctccctaaa 180
 actctgacaa ggtgtctgna agatacggat tccgaaggga tccaggtcng acataagctg 240
 aagtctccgc ttcatgtgat gaatccagat gggcacatta gggagctgcg agctacgctt 300
 cctgtgtcga tttttatctc tcccaacctc gogatcgacg agaacaataa cctagtcgac 360
 cagactccgc aatccgctca acgggcaatc aacgatatcg ctcaacaggc acccccgttg 420
 tacggcgagc atcagtttga ccagttgtat agcgagcttg accctaattg ttaccgtact 480

ccgggacctg	gaagtggccc	cggcacacct	tttggcactc	tcagccgcaa	cctctctgct	540
gaaaacctcg	cttctatgaa	tgctttgacg	aacaccgaca	tctccgcttc	tgcgctacat	600
agccgtctat	caaacctctc	aaacottcat	attactcgac	cccatcagcc	atcgcccaac	660
gaccatgagt	ctcagaacga	cagn				684

<210> 5285

<211> 674

<212> DNA

<213> *Aspergillus oryzae*

<400> 5285

cctctctctc	caccacgtca	attcgccgc	gtctccatc	caacccccct	cacaatgtcg	60
cccgctcactg	acggccatgt	cgagaccgc	gcgctcacga	cctgccagcc	tccttcagag	120
cttctcagtt	gcccaggccc	cggtgctaa	cccgggctgc	tctcgctatc	aaccgtcctg	180
ccttcagcac	ctcattacaa	gcgtctacgc	gggcaccaga	aggatgagac	atacgaggag	240
ttctctgcca	gattcgagaa	ggaattcgac	ggtgtccaaa	ctaccataaa	accacccaac	300
agcctgtaca	actgctttgc	ctacgatctc	gtcccttccg	ttgaggctct	ctccgcccgt	360
ctcagggccg	ctcgcccggt	caacgactac	cccaccgatg	tccgctatg	caacgglatc	420
gatgccatgg	acacgaccga	tgaccaggac	tgacaatacc	ttgacgcact	tgacggctca	480
ctgcaggaac	tcgcggttgc	tctccgtgaa	gagctatacc	ccggcgagca	gtagataatc	540
gaccatagtt	ctcgcatacc	aaatcacttc	ttggtcccac	tgtgccacac	gattacatag	600
gatagctgtg	tacatactct	ataatgcaga	tgatgaggcg	tgctacgagc	actgtgaggg	660
gatagactat	gcac					674

<210> 5286

<211> 655

<212> DNA

<213> *Aspergillus oryzae*

<400> 5286

tcgttgcaac	gtcactcccg	aatatccacc	caggcacagc	tttggcatcc	acaagatgac	60
atcgctgata	tcogaagggt	ataaacgccc	tccatggctc	ttgcgatata	gtcctcttac	120
ggtgttcatt	gtcgcaacag	tatggacgtc	attgttcacg	gacttctata	tatatgccat	180
ggtgagcgag	ggctctggcc	gaatcgcgcg	taccttcgcg	atgcacctac	tcatagcagc	240
tgcagatagt	ccccgtcatg	ccaacagcac	tggttgatcg	cgccggcgct	ccataccaag	300
accgcgagta	ctgggtcagc	gtattactta	tgtgcgaagc	cgccgtcgca	tgcatcttgc	360
gccccatatt	cggttacatc	gttgacaaca	cgccaccgcg	ccaattccct	tatctgctcg	420
ggctcatact	cctcggcgca	tccatgggtc	tcctatcaat	tgcgcataca	gtgggattat	480
tcctcgctgc	cagattactg	caaggcggtg	cgacggcaat	ggtcacgcgc	gcaagtctcg	540
cgtctcttgac	agacttcggt	tcgttcgaca	acctcgggca	ggtgatcggc	tacctaaagt	600
tccttggttc	gctgggggttc	ccgcttggtc	ccgtgatagg	gggaattttc	tacga	655

<210> 5287

<211> 664

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(661)

<223> n = A,T,C OR G

<400> 5287

tgaatagtat	agacgaaaac	aagtlcgct	cgccatateg	gaggtcttga	agccattagg	60
tttggtgtgc	gtcatqaggt	cctcgcacct	ctgtatgggtg	atgcgcgggtg	tgcaaaaaac	120
gagtagracc	accacaacqa	gctgcatgtt	ggaatgcaty	cgntctagcg	caaagaccag	180
agaggaattt	ttgactcttt	tgcaccggag	ataatgtctt	ctacgtttgtc	tgtgacacgt	240
acttgttacc	ccccctttta	acagtggatg	gtattcatga	tttcaacgga	gttcggggcg	300
gtttacctct	caacagggtta	tttgggtccg	gttgttctga	tttttaccgc	gccacacggc	360
tggcagatct	tatattattt	tcgtctatac	tcttcttata	ctacaaaacac	tacttgata	420

catcttgaat	ttctttatct	cgctacagca	gatcctgcag	atacttgta	tattattcgg	480
gtcgtttttg	cggaatacat	acagaaccaa	ttgagggcga	cgaactgatg	aaaggaaagg	540
tggaagaaca	tcctcatggg	anggotttagc	tcaactcagc	tattggcata	tgatcttatt	600
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aaaa						664

<210> 5288
 <211> 685
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(685)
 <223> n = A,T,C or G

<400> 5288	
ccgggggtg	60
tcgagttttg	120
aggtgcccac	180
gaggtagtgt	240
ttacccgcag	300
tcgcggctac	360
gatatgccga	420
gctctctgct	480
tacaatgatt	540
agctctcggt	600
atnggatcat	660
cggttaataa	685

<210> 5289
 <211> 688
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5289	
ccgaactga	60
gcagtggaga	120
cagctactta	180
gaaccgcgta	240
cgcggtttaca	300
gatgccattc	360
actgtccaat	420
caagaagtgc	480
attcttgatt	540
cacagcgcta	600
ctcataaaat	660
ggggccagag	688

<210> 5290
 <211> 719
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(719)
 <223> n = A,T,C or G

<400> 5290

gacacctgga	gcgtcgcaaa	gagctaacaa	gacaagtcgc	aaagccatat	ttccgagaat	60
ggtcgaacct	ccgccatcac	gaaggaaaga	ccttctactc	cggtccccgg	ttattcaaac	120
gagataaggc	gctctacttc	cccaacatgc	acggtaccac	actcgcatcg	cccaaggaac	180
cgcaagatac	caccacgcag	cttcggggca	ggattttctgt	ggtgaccctt	ttctccagt	240
tttgggcgga	aacacaagtc	gcgactttta	ctggtccccga	acagaatcca	ggcctccatg	300
aggcgctcaa	gagcgggtggc	gatatggttc	agaagggtgga	tatcaactta	gaagagaatg	360
ccctcaaagc	atggctgggtt	cgcagattta	tgtggcggat	gcggaacaag	ttacctgaac	420
agcaacacag	gcgctacttc	ctagtctgca	aagggtgtcac	ggaggggcgtt	aaggagtcca	480
tcgggatgat	gaacagcaag	gttggatatg	tttatctgtt	ggatgaaaac	tgtcgcattc	540
ggtgggcagg	aagcggggccc	gcggaggaac	atgagctcga	ggcacttaac	aacggaattc	600
ggaaactgat	tcaagagaag	aaggtcagta	tgggagtcgt	agtaccggcc	tcagagtggg	660
gaacgaagag	ttnaatgatg	ttcgcagctc	aaaagccccg	ggttgtcatg	agaccttgg	719

<210> 5291

<211> 608

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(608)

<223> n = A,T,C or G

<400> 5291

cgagggtagg	ttacttttaca	gaaactttgt	ttcctgggtac	gggcgataag	tcaaattgctg	60
gtagcgctgg	tgacaccgag	aggactgagt	cagcgacacc	acttggcctg	attcttttacg	120
agcccattcg	tccagatgat	gctttcggac	ggaccatggt	gtccaacctt	gcgacgcgcg	180
ggatccactt	gcaaacactt	catcagtagc	catcactagc	ggcgcagcga	aaacggttgc	240
gagaacaagg	cttcgcgcgag	ggccaagccg	cggcagatgt	ggatttcatc	tgggaacgct	300
gggtgagtga	agaagaaaag	gagagggtgt	cggactcga	gatgctggac	gagatggaag	360
aatggagatt	gctggcgcaa	cattattgta	tgcgctgggg	ctggcgtgag	gggtctgtan	420
gagttgttga	cgggtggaga	gggattgagg	gacaatcagc	ggattgacca	aacaggcaga	480
caaactgcc	tgcttttgg	gtcgacgata	cgcacatccg	aaatatagat	ggggatctgc	540
gcaaagagag	tgtcncttat	ttttcccgag	gaatattttt	ttttttcaac	cgggaaaact	600
ttttgggg						608

<210> 5292

<211> 1042

<212> DNA

<213> *Aspergillus oryzae*

<400> 5292

gccaagtcta	gcaatcagct	tctccaatca	accacccgac	tcattctgtat	actcctccat	60
cggacagcaa	cagtcaccat	gaatcgtctt	ctgaagcttg	ccttcttgtc	tttggctgca	120
tcctctgoga	ttgcgaccac	cgcctctgag	caggctcagt	cggagaccac	cacggtggcc	180
gaccagtcgg	attccctcca	caaggctctt	cacttggttcg	agaagttcag	ccatggtgtc	240
ttcgcctcgg	acgaagatgc	tgcggacgct	ctcactgccc	aggatagaga	gctggccgcc	300
catctgaacc	tcaagagggg	caacagctct	tccgctgtag	agcctcagc	cactgctgta	360
gtaccatcct	ctctactca	agcttctctt	ccttctcca	acactgaagc	tcctctcttc	420
atcagggag	ctctctctct	ccacaccact	caagctccct	ctacttctc	tccttccact	480
acagaggctt	ctctctctct	ctcgtctgac	tggctgaatt	ctcagggcga	accaaccacc	540
tcagcccaat	ccaccacggg	cacgcctact	caaaagacca	cgtcgaacc	cactaccagt	600
gagcagccca	caaccaccca	gaagcccaac	acctcggaga	aaaccaccca	aaagcccacc	660
accagtgagg	agcctaccac	caccgataag	caaccacact	cggacaagac	cattctctgag	720
aagaccaccc	agaagccca	caccacccgc	ccactaccac	cgacaagcca		780
accacatcgg	aaagacccac	ctcgggacag	acaccacgag	ggcccaacac	cagcgcagat	840
tcacaccaagg	gcccacccac	catgcaaac	accaccaccc	ccccagagcc	cacaaccacc	900
gaacaaacaa	ccaagcacac	aacccctac	acctccacct	acaagagcac	caccactctc	960
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gtcgccacgc	tcaccagcgc	cg				1042

<210> 5293
 <211> 720
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(720)
 <223> n = A,T,C or G

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<400> 5293
gggaatcgtg cttcgaatta ttccacgacc gtgcgtctca ccactaaagg agacggccat      60
tttttgaacc ccgcgacgct ttccgggtccg aattacctga aaatccgcca atatgtcgcg      120
tttctttctac ggtagcggta gcgacagcga ttccagctcg gatgaggaaq agctttctcac      180
cgatcgcgag gaggaggaga aqtcgcgagga ggaatccagc gaagaggagg aggagacttc      240
ggaggaggaa tctctcgatg acgagggtga aacccgtgccc aatcgtttct tgaggggatgc      300
atcggagagc gaggagagcg aggatgagga gaaagtaacg gttgtgaaga gtgccaaagga      360
taagaggctg gaggaacttg agggcatcat caagttgatt gaaaatgccg agaagattaa      420
cgactgggct gttatctcgt cagagttcga taagcttaac cgccaggctc tgaaggttac      480
gcaatcgggc ccagttccca ggatttatgt caaagccgtt gccgatctcg aggatttcgt      540
gaacgagact attacgaagc agaagtcagc gaagaagatg aacgcaagca actncagggg      600
tttcaatgcg gtccagccac gtattaagaa gaaacacaag gagtacgcca ctcatatcga      660
gaagtatcgc agtgataggg atggctacat ggaggggcanc gagangangc tangcccgcc      720
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<210> 5294
 <211> 710
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

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<400> 5294
caacgggtacc cttgggttta ctatgttgat cgccaccctt ttctgcatgg gagacgtcga      60
caaggccctc aatacgccca ccgggtatcc gttcattgaa atcttctacc aggccaccga      120
ttccatttcg ggggcgctgg gaatgagctc ggtcctgctc atcatcgccg tttgttcagt      180
cattgggatg ctggcgccca cctcgcgaca gttttggtcg ttccgccagag atcgcgcggg      240
acccggctgg cgcttggtga gtaaggtttc cccgcgaaca tgcattccga cctattccat      300
ccttctcacc atgaccgtcg cagctctgct gggactcgtt aacattggat ccgctgtggc      360
tttgaacggt atcatctcca tggcgggtgtc aggcatttat ctttcttate tgattgtcgc      420
aatcctaact ctctaccgtc gttgcacggg tgaaatctct ctgtatagtg acggagagga      480
catgctgggtc aaagtaacct gtgccaagct gatgtgggga ccatttcaca ttcgaggcat      540
cttcgggcacc ttgatcaatg gctacgctgt catctacatg atcattgtgg tgtttttcag      600
tttctggccc agccagatgt ccgttgacaa aacgacgatg aacttcagtg tcgtcggcac      660
gatcgggaag attratcctg cgctgatcta ctatgtcttc cgggcccgan      710
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<210> 5295
 <211> 632
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5295
ggggggcaaa agcccacagga tcttgctcgtg aactcctgca ctacccggtga atggactaac      60
gtgaagggtca ccacgaccat caccaccgac cgactctgct agactcaagc tcaagccact      120
gtctctgttc ctgcgtcttc cactcccgct gtaactcctg agccttccca gcccgctgag      180
gttcttgggc agtttcacga gagtggagcc cccgagcccc agcaatctgc aaccatccag      240
ccgggtttgga ctcccacccc ggctgagctt actaactctg ctactcccac tccggagcct      300
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accgaacagc	cggaacctac	cgagcagcca	gagcccacca	ccttctacga	cactgccact	360
tcttcctcgc	ccccagcag	ctgtggatac	accaacgatg	gcagcaccga	ggacgtcctg	420
gcccttcccc	tggcatgat	gaaggacagc	gactgcggcc	gcattggtgac	catgcgctac	480
aatggcaagg	tcgcttcggg	caaggctcgt	gacaagtga	tgggctgcga	cagcacctcc	540
attgacgtgt	cgcgccacat	gttcggtttg	gtggcttcgc	aagatgcggg	ccgcctcttc	600
gatgttgagt	ggttcattga	gtaaatgcgt	tgagtgcctg	cttctctctg	tgactctttg	660
atTTTTTggT	acttcgcttc	tt				682

<210> 5296

<211> 596

<212> DNA

<213> *Aspergillus oryzae*

<400> 5296

cgagggttgag	attgggtctct	cccttggtctc	cggaaagggtc	aagactctgc	ccctccgttc	60
taccctccac	cgcgtacca	ctaccacctc	cggcctcaag	cgtcccagct	cgagacagac	120
tctctcggag	atcgtaaga	agttcggcca	gttccctctc	agcttgccgc	agctagatga	180
tgagaaggcc	gctaagggtg	gtgtcgtcga	gtgtgtccgt	ggtggtgtcc	tgagacagta	240
cgagcctgcc	ggtgatgctg	acaacgcccc	tgtctccgcg	ctcttgacta	ccattgctat	300
caccaagaat	ggtatcacta	agctcactgc	tcccgcgcga	cctgatttca	ccaagggtcaa	360
gtctgataag	aagatcgagg	atgaggaaat	cctcaagatc	cttgagcgtc	ctctgtccaa	420
gtcgactggc	tccaagaaga	acaagaacaa	caagaagaaa	gccgccaaga	aagccgactc	480
tggcgacaag	gagtaaataa	gtcgtttgac	tccgtcaact	ttggcatatc	tagtgaatcg	540
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<210> 5297

<211> 759

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (759)

<223> n = A,T,C or G

<400> 5297

gaatgagcct	gtcgattcgc	acagggtgcga	gccccgttca	tagctcctcc	aaggagcagt	60
tcagcaccct	gctgacgaag	tctcgctttg	ttgtcgcgga	cttctacgca	gactgggtgcg	120
gaccatgcaa	agccatcgcc	cctgcctatg	agcagctggc	agcccagctg	tcacgcccga	180
accgaatcac	cttcaccaag	atcaacgtcg	atcaccaaca	ggaccttgct	aaggcctacg	240
gagtgcacgc	catgcccacc	ttcatcgctg	tcgagcgcgg	ccgtccaacc	tccaccgtca	300
aaggcgccga	ccccagaag	ctgtcggagg	tggtcgcgaa	actcgcatcg	gaggccagca	360
aacccqacga	cggcgggcag	ggctcatcag	gcagctccga	cgcagattgg	atcgggctgg	420
cgcacccgaa	aggtacgcgc	gacatcacgg	accagtacga	tcccgaagggc	ctggagctgc	480
tgaaccggga	cagcgagttc	ggaacggcga	agacactctt	cgagacttcg	aagccgtcgg	540
cgctgaacaa	cggcaaggga	aaggctaagg	attgggtcga	gagcgatacc	gatgaacagc	600
ttatgctctt	tgttcgcttc	cagtcgacgc	tcaagggtga	ttcgttgagc	attacttcgt	660
tgcctcccag	tgatggtgat	gagcttccca	tgcgcccgcg	gacgatccat	ctctacacga	720
accgctcgca	tgtttctggc	tntgacgagg	cgggaggtg			759

<210> 5298

<211> 1347

<212> DNA

<213> *Aspergillus oryzae*

<400> 5298

caccacttct	gtgtacagca	ctgtgtccac	agtgaactctt	acgtcgacat	ctaccatttg	60
caacaagtgc	actgtacttc	ctcctactgg	caagcccacg	ggcactccga	gcggaacctc	120
tectaccccg	acaggcggtt	cccttgagga	gctcctgag	gattctacca	cgaccgtcgt	180
taettatacc	accgtgaccg	actgcccagt	aactacgact	gctaccgccc	gtggcaccac	240

gaccacttct	gtctacacga	cccagtcac	cgttacactg	acttcgacct	ccacgggtgtg	300
taccaagtgc	tctccactc	ctgcccctac	cggagtcgcg	cctatcagta	gtactcctgc	360
cgagggtgca	acgacggtcg	tcacctacga	aaccgtgacc	acttgccctg	tcactacgac	420
tatcacctcc	gggtggctcca	ccactacgtc	tgtcttcacc	actgtctcga	cggtgaccaa	480
gacttccagc	tctgccgtga	agccgactgg	cgttccctct	tctcctgctc	cctcttcacc	540
tccaccagca	aattgcccta	actcgggtgc	caagtgtatc	aacacctggc	tccctcttgt	600
gcccaagtgt	acttccaaag	cggagcccgg	ttgtttctgc	ccgaaccatg	agttcacaga	660
taaggtcatc	agctgtattc	agggatgggg	tgcattccaa	gaagagatcc	aggccgcgct	720
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cattccgagc	actattactc	tgatccccac	tctgcccccc	acagggtgtc	ctcctgtgac	840
tggcaccagt	gcggcaccaa	acccaaccgc	cgtccccgag	gttctctgca	cgaccatcac	900
ctactccacc	tacacgttga	cgtgccccca	ggttaccttc	accaccggcg	tctccggcca	960
ctcgaccacc	gtcggcttga	tcccggggcc	tgcccccaac	ggcgtatccc	caggtcactc	1020
ctcgggcata	ccgaacccat	gggtctccgc	ctcgtctact	tggatctcca	gccatcatcc	1080
tagctcgaca	gccaagcgt	catctaccta	tacccctcct	cccctggcta	acactgcctc	1140
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ctgatcataa	cactccttcc	tctgttttga	tcttgctttc	acagaccatg	ttacttatcc	1260
atccttctca	gattgttaat	aggttgtgac	atataggtea	ctgagatgaa	tctggatagc	1320
aaatgtatca	agtttcttcc	ctttaag				1347

<210> 5299

<211> 679

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(679)

<223> n = A,T,C or G

<400> 5299

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agaaccccc	gcgcctgct	gctaccgata	tcgataatct	cccatatctc	aacgcgggtc	120
gtaatgaagt	ccttcgctat	cacccgctct	tgcttgccac	tatccgctgt	gctagtcgag	180
acacaacgat	cattggcgag	cccattccga	aaggcacgtt	atttctgatt	gccccgaaa	240
ttatcggtaa	gagcaaagaa	ctttggggcc	cggacgccga	caagtccaac	ccagaacggt	300
ggctaggccc	tggtcggggc	aataacgggt	gtgctgacag	caattatgct	aaccttacgt	360
tcttacacgg	accacggagc	tgcattcgcc	agggattcgc	taaagcagag	ctcgcttgca	420
tggtagcgg	cgctcgtggc	aagtaccata	tggagctgaa	aaatcccaat	gctccactcg	480
aaatccgaca	acaagcgacc	gtctgcccta	aagatggggg	gcttgctaag	tttactaata	540
tagaagggtg	gtgaagaaat	ttcacggttg	aattcatctt	tatgtatatt	aatgtcgatc	600
tccttactgt	cttggtatct	tatgaatcag	ggatctagct	gtggcaactc	acgatgaaag	660
tgggtggtgt	tcctttggn					679

<210> 5300

<211> 678

<212> DNA

<213> *Aspergillus oryzae*

<400> 5300

ctctcccat	cacttttcc	atggcatccg	aggtctctgc	atcgagggg	gtacccaaac	60
ccaagattga	tctgtccaag	aaactttcag	aactgggttc	aaaccgaaag	tcccaaccgg	120
cgtaacttcc	cggcccgctc	agagaacctg	ctccagtcac	cccgcgcgtt	tctaaccttc	180
gggatctatc	ctcccccaaa	tatgcacgcc	cagttcgccg	aatcttatca	aacctgacc	240
atcagttggt	cttttccctc	tcattcatatt	ctctaactct	cgccttcata	ttcgggtctc	300
ccgattcggt	tgcggggcgt	gcacccacag	actcgaaaga	tggtcgggtt	tggcccaacc	360
tctccaagat	cctcgccggt	gttgaatcca	tccggacact	tctggatcaa	cattccttca	420
tcgaccaagg	tggctcaaga	ttcggttaacc	ctgctttccg	cgacttggtt	gacgatgttg	480
ccgcgcagag	cgcaaatgg	cacagggaga	tccttggtat	tcaggattcg	accgccatag	540
aagaagcatc	agcatatctc	atacactccc	tgggctcgcg	agatcgtcta	gactacgggt	600

cgggccatga attaaatttt atgatgtggc tgttatgcct acgccagatg cagctatact 660
caaccgcaga cttcgaga 678

<210> 5301
<211> 821
<212> DNA
<213> *Aspergillus oryzae*

<400> 5301
tgtggattgg gacgctttgt ccaagaagca ggtcatcccg ccgttcaaac cgaaacttaa 60
atccgatacg gatacttcga acttcgatcc cgagttcaca aatgccaacg ccacgttaaa 120
cgaccgtgca gcagcagtag cgaatagtta tatgccagca tccaccccgc tgtccccggg 180
tttgcaagct aacttcaaag gcttcacttt cgtaaacgag agctcaattg accatcatct 240
gaagcatgaa cccacagatc atatggacga ggaccctgat acttggcaac gaccgcaccg 300
ccctgggggt tttgacgata accgtatgac tgggtgtccc aaggctcacg aaggcggaga 360
gcctggaatc ttcaatgttg atgacaattt cgatatgtga ttatttttgcg atgcatgatg 420
ctggagttgt gaattcttct catatatcca tatgacatgt acatggcttt attggaacag 480
gccaaaactt ggttttgcct gcactctgctt gctgcaagtg attagcgacc tatctgttgg 540
tactatcata ttctgtggatg tgacgacaga aatgatgtga acacttctga ctaccatgcc 600
aatctgggtg atccgggctc caccattcgg gtagatcggg cagcatattg ctcttgactg 660
agatctcctg acccgtttgt tactcttgac tgcttacagg tctttggctt ataccatctg 720
tgacattgtc tttcttgacc ctgcgaatat ccgacagtca tcggtttggg attgtataga 780
tggaaggctc ggcgctccct tggttacagt tagcacgggc t 821

<210> 5302
<211> 669
<212> DNA
<213> *Aspergillus oryzae*

<220>
<221> misc_feature
<222> (1)...(669)
<223> n = A,T,C or G

<400> 5302
tccagagaac gactggcctg caacataccg cgatctcttg atcaagcata aggatcagtt 60
tactgtacgc aacaattgtg tttaccgcaa agtcaaaaata ggcactgaaa cacaagaaat 120
ccgctatgta ctcttcgcc gccgcgcga ccttgttcag cagttccacg aatcattcgg 180
ccactccggg aaggcaaata tctatgactt gatgcgcaaa cgggtggtggg ggctgacat 240
gaggaccgat attgttaatt ggctcgccac ctgccacaa tgccagcttg ccgcaaatgc 300
cgacaaaaat actcaccacg cccaatgaa gcccttggat gtcccacctg cattttcccg 360
ttggcatctt gactttatcg gcgaactacc caccacagca natggtaacc gatggatctt 420
ggtcgcgggtg gactctgcca caaattgggtc tattgtctgt tccgtacctg acgccaccgg 480
agaggcgatt tgcaagttcc tatatgaaya gatcgtcctt cgtttcggtt tgccagacga 540
gattgttact gacagaggcg caaacttcat gtcgaaagta cttgcaantt acannccggc 600
catcaaacta cgccacgtct tcacatcagg ctttcaacca tgcacaancc ggaaagcaaa 660
gggtacgan 669

<210> 5303
<211> 659
<212> DNA
<213> *Aspergillus oryzae*

<220>
<221> misc_feature
<222> (1)...(659)
<223> n = A,T,C or G

<400> 5303
gacgagaaac atgacgccag aagcgacaaa gtcctctccg aggagaacgg tgctcgtacc 60

tcctctccgg	acaatgccca	cttgaccctt	gaaagcctgc	gcgccgaagt	ggaaaccgac	120
attgccgcct	ccggccatga	ctccgcata	gaccgcmaa	caaagggtcat	caacagagcc	180
attcaggata	tcggcatggg	ccgttatcag	tgggagctgt	ttgcaactctg	tggatgtggt	240
tggttggcag	acaatctctg	gttgacaggt	gttgccctaa	cattgactca	aatgtccgcg	300
gaattcgggg	tctctgaaag	tcgtgtccgt	ttcaccacct	gcgcgttggt	cttgggtctc	360
tgcctgggtg	cttcgtttctg	gggtgtcgca	tcggatgtta	ttggacgtcg	tcttgctttc	420
aacctgactc	ttctcatcac	cagtgtgttc	ggtctggccg	ccgnggtag	tcccaactgg	480
atcggtgcct	gtgccctatt	ctctgcttg	ggtctcggtg	ttggtggaaa	tcttccagtt	540
gatggcgcat	cctctggga	gttcttcaan	tcgtctggc	aactccctga	catgctgagt	600
gtctggtggc	caatgggcaa	ctatctcagt	ctgctcgcat	gggcctacat	tcaacataa	659

<210> 5304

<211> 635

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(635)

<223> n = A,T,C or G

<400> 5304

ctggattata	cactatctca	tcggctgtca	gccatggaac	cgatggttca	tccttttttt	60
gatgaactca	gggatccatg	caccgggcta	cctgattccc	ggcaccagaa	tgggccatcg	120
cgagagctcc	ctaactctgt	tgattgctct	cgacatgaac	tctctatcgc	accggcaatg	180
aacagtccgc	ttattccccc	tcattgcacg	cctgccctcg	aagcccgccg	gatagatatt	240
gataacttta	cacccctaac	gaaagatgaa	atgatggcac	gcctagattg	acttgagggtg	300
tgcgatactt	acgaaataca	ccggtgttca	tagtaacggt	acatgcacgt	gtgcgcgata	360
ccntgatgct	atgctgtacg	agttcacttt	gatgcaccag	gcggttatta	actgtgagag	420
gtcattttcag	gtgtagacgc	ttatccattg	gcgagacctc	ttggagctgg	cttctctgca	480
gacgggggtg	atgaactctca	tggcatttgc	aacggtcttc	cggcaaagga	tatgacggat	540
tgnttcccg	aaggaaacgg	gccaaatgtc	gaagagaatg	tacatccctt	gtcttaactg	600
gaaaattcct	ttgtttttct	gtttcccttc	ctaata			635

<210> 5305

<211> 622

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(622)

<223> n = A,T,C or G

<400> 5305

cataacgggt	cctggaagtg	ttcttccaga	ctattcacag	ccattactgt	cgaacctaca	60
gcataccagc	tgtgttccat	accttgattt	ataatcacct	gactactcag	taaagaacca	120
tggccgacgc	agagttggaa	gagatcagga	gagcccgctt	ggctcagctt	cagcagcagc	180
agggagggtg	accacagagt	ggtcccgcct	cagacggtca	ggatgatcag	aggaaacaag	240
cagaagcaga	aggtcgctct	ccgattctga	accaaatcct	cgaacccgaa	gctgccgacc	300
ggttggggcg	cattcgctct	gtgaaagagt	cgcgcgctgt	cgacattgag	nnccgaactga	360
tcattgttgg	acagacaggc	caactgcggc	aaaaggctct	ggaggatcaa	ctcaagcagc	420
tcctgaatgc	tgtggctgag	aaccagcgca	aggatgagga	agagcataag	gttgtattca	480
gtcggcgtaa	aggaggctgg	gatgatgacg	atgacttggt	ggatctgtga	aaagttgaat	540
tgcaaaacag	cgaatgccgt	ttaagcctgt	nnnnnanann	nnnnnnnnnn	nnnnnnnnnn	600
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	622

<210> 5306

<211> 718

<212> DNA

<213> *Aspergillus oryzae*

<400> 5306

gccgtcccaa	cagcaggctc	cccttccctg	cccgccgagg	tcaccgagct	cctcctcaca	60
aacgcagacc	aggctccgct	cgccggccta	gcagcccgcg	actccctccg	tctggaagcc	120
ggcatgtgtc	tctacggcca	cgacatctcc	accgcccaga	ctcccccccg	cgcattctctg	180
ggctgggtcg	tcggcaagga	ccgtcgcgac	cccgcgaaccg	ccaacttcaa	tggcgccctcc	240
gccatcctcc	cccagctcgc	ctcccccgcc	aagaccctct	cccagcgtcg	cgtaggcttc	300
accgtcgaga	agggctcccc	cgcccgtaga	ggcgtgtgca	tcgtcgatat	caacgatgaa	360
tcccgtaacc	ccgttggcat	catcacctcc	ggctccccca	gtcctaccct	cggcggtacc	420
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ttggctcgta	acaagctccg	taaggetact	gttaccagta	tgccttgggt	ggagagcaag	540
ttctatcggt	caaggcctaa	atcccataat	ggggttagct	ctgtggttct	ggtttttaag	600
cctttggggg	ttgcgggtggc	ggtttctagc	ctcttttctc	tttaatggaa	atgttcccatg	660
cgggagtgta	ctgtagatat	aacgattccc	cttttcaatg	catttgtgca	aaaatggg	718

<210> 5307

<211> 987

<212> DNA

<213> *Aspergillus oryzae*

<400> 5307

tcatacttat	ccatcactct	tcattccattc	aaactttctt	catccatcac	ataccaactc	60
tacactacac	atcatgtctg	gtacagatca	gtacaaccag	cagggcgggc	actacggcca	120
aggccagcag	ggctacggtc	aacagggtta	cggctcaacag	ggctacggtc	agcagggtta	180
cggtcagcag	ggctacggtc	aacagggtta	caatcagcag	agctacggac	agtcttcttg	240
atacgatcag	ggatacaaca	gccatagcgg	tagctccggc	tctggtgccc	ccaacgacta	300
ctacggcggc	ggcggacagt	ccgagcacca	ccagcagctc	tacggtgggtc	agcagcacta	360
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cggcggtgct	caggagggtg	aacgtggcct	catgggtgct	cttgccgggtg	gtgcggccgg	480
tggcttcgct	ggccacaagg	ctgatcacgg	gttctctgggt	acaattgggtg	gagcgatcat	540
gggttccatc	gggaggagcg	ccatgaagaa	gtacaagggg	aagaaggagc	atgagcagca	600
gcagcaagag	tatggcggtc	acgggtggcag	ccaatatggt	gccccctact	ctcagcaggg	660
tgggtccgggt	atgatggacc	aacttgggtg	cttcttcaag	aagtagtaaa	cccgttcttg	720
tcacctcacc	tttccacgat	gatccctttc	cgcgatacgt	gaactagctc	ctttcgactt	780
ctatctcggt	cggctggcgg	ggttcgccag	ttctttatgt	ttttcagctc	gccttgctta	840
cacggacatg	ctctggggat	acaattcttg	ttttttctct	tcgatttggt	gctgcactctg	900
ggcttattag	ctcacttaag	atgagacggc	ttgttccactg	gcttttttat	cttttttttt	960
tttacaatta	taactattgc	tatcttgc				987

<210> 5308

<211> 711

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(711)

<223> n = A,T,C or G

<400> 5308

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cctgagatcg	ttaaggagtt	ccccaccatc	cttggcgctc	tggaggcttg	cttgcacatg	120
gacgtttctc	gtcttcaggc	caatgccact	ggctgtctca	gcgcgatgat	ccttaagcac	180
cgtgacagcg	ttcccccaaa	ggacgtcctg	cctgcacctta	tcaagctcct	ccccctgaag	240
aacgaatacg	aggagaaagc	cccccttgta	cgcctgatct	gtcagctgta	caagtgaggaa	300
gaccccaacc	tcccgagagc	tacccctcaa	ttcctgcccc	tcttccagtc	tgtcctctgc	360
ggcgacgagg	atcagctcga	ggacgaagcg	cgcgcgagc	tgttcgagct	tgtcaagtgg	420
ctgaaccaga	tgcagcccg	tgtctgtcct	tgggctgagc	agctgtaaat	gctcaccaga	480
catgatggct	tgaagactca	acaaatattt	aatggataga	ctgggttaaca	aaatggtttt	540

atgggttgaca	gatagaagat	acccctccgg	agcgcacatcan	ggtcggccct	gtttatgcgt	600
gatgatgtga	cgaagacgga	tagaaaagtc	atgtattcgt	ttcgcgatga	tttatgaatc	660
aaatgttgta	atattcaatg	tttttnnnna	nnnnnnnnnn	nnnnnnnnnn	n	711

<210> 5309
 <211> 666
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(666)
 <223> n = A,T,C or G

<400> 5309						
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ctcccaggca	ttcgtgaggt	taccgcagca	cgagtgtctg	accgtggcga	caaccaccag	180
actattcgcg	catgaagcaa	gaactcctaa	gagattatcg	gcattcatgga	agggttccctc	240
aatcgatttg	aaggtgtcga	taccgaccga	gaaccggaca	aaagcttcga	tgaggtcatt	300
gaactatacg	tgtctgctga	ttcgcgggga	aacctgtaga	cagtattgac	aacattgcatt	360
aaactctacc	cacaaatcgt	gaaacaggtc	cctacaccag	aagagctcca	tgctggcctt	420
gactgggctga	tgccgacta	ccaagtccag	atagacctct	accaccacta	cggggcgaag	480
aatcggaagg	acaagataca	gacaggcact	cagttaacct	caacacctaa	cgtaactccc	540
cagagcttgg	caaagggtat	ccaatacttc	tgcattctcc	tgccgggaaa	ctgaggggtc	600
ggaagtctct	caaacgttgg	tgccctacctc	cacggacccc	gagaaagctt	ctgtgtaccg	660
ccattn						666

<210> 5310
 <211> 675
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(675)
 <223> n = A,T,C or G

<400> 5310						
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tcttgtagca	ctacaccctc	gagacccagg	agaccaatgg	aattgatctg	gccgtgaaga	180
agggcgatat	cgtcgctgtt	cttagcaagt	cagatcccac	aggcaacgca	tcggaatggt	240
ggcgatgcgc	cgcccgggac	ggccgcgctc	ggtatctccc	cgggcatat	ctagagacta	300
tcacgcggaa	gcacacaacg	caggcgatca	catcgggttg	cgaggcaagc	agccgtacca	360
acagcatgca	agctcgctc	tcggacgaaa	ttccggcaaa	cgaaaagaag	cctgaactca	420
aaggaaagat	gggcgacatc	tctccagaaa	agctccagaa	nagtgccttc	tactcgtaat	480
gcctgagcgg	gattgatatg	ccatgcttnt	attctctact	tctatcatta	gcccacgagc	540
aggaggtcat	gtcggnttga	ctcccttgca	gcattggtct	tactacntat	gggcgggnacc	600
tcattgactac	tttactactc	aatatttcaa	gcgttggttg	cttanagtat	acggattctt	660
cacatagtca	cgttt					675

<210> 5311
 <211> 674
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5311						
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gcaatttagc	caaagcagcc	ttctacggcc	gcgacccttc	gagttccaac	gctttctatc	180
agaccaaagt	cgtatcctga	aaatgagctc	cgaaggagaa	aaggccagga	cctccggcga	240
ggtctctcgt	ccggagccta	ctctgcctac	tgttaaccgc	gccgctgaga	gggcagagcc	300
tcccaagcct	gccttcacc	ccgcggttta	tgtgaccgtg	tggattactt	tgagttccag	360
tgtcattctg	ttcaacaagc	acatcctcga	ttatgctcag	ttccgcttcc	ctattatcct	420
taccacgtgg	catttggcct	tcgcgacctt	catgacccaa	gtcctcgccc	gcaccaccac	480
cttgctcgat	ggccggaaaa	ctgttaagat	gactggccgg	gtttacctcc	gcgctatcgt	540
ccctatcggt	cttttcttca	gtttgagttt	gatttggtgt	aacgtgacct	acttgatatc	600
aagtgttgca	ttcattcaga	tgctcaaggc	tactactccg	gtcgtgtgtg	tgttcgccac	660
ttggggaatg	ggca					674

<210> 5312

<211> 641

<212> DNA

<213> *Aspergillus oryzae*

<400> 5312

gtagtcgatt	aagtgagtat	cgattaatgg	tacaactttt	tttggcatct	tcttaattct	60
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acccatccat	ttaagaaaag	aaagggaaaag	ttatttgcca	aacacccttc	cgaaccccaa	180
accaattccc	ggcgaacgtg	ccatttcggg	tggattaaaa	tttccggtgg	gccacatgga	240
ctttgtccgt	gaagtccctc	tctggggagac	cccaatgtgc	ggggaaaagt	gtgtgaagct	300
ttcacttggc	acaagtgcgc	ggcgcgggct	cctccataat	attgtgtacc	tgctctaggg	360
ggagaccctt	gtgctctggg	attaggaaat	atgtgtatag	gaaagcgcac	gcgcacaggg	420
atccccacat	gaagaacacc	ctggacttta	gataccctt	gtgctgtgaa	ccctgttggg	480
gtgatgaccg	cgatatgcgc	tttcaagccc	tctttacaca	cggagcacag	cccacgcggc	540
gaacaaaagg	caccagggag	aatatctcga	tgacaacaca	gagccacgaa	cccacgtgtg	600
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<210> 5313

<211> 666

<212> DNA

<213> *Aspergillus oryzae*

<400> 5313

ccaagaagga	aagtcccaca	tggtactggg	gtccgagtat	cccgggtgaag	accgtgggtgc	60
cttgggtggt	gttactcttg	aagatgtgat	cgaggagctc	attggcgagg	aaatcggtga	120
cgaatcggat	gtctttattg	atgttcacaa	ggcgataagg	cgcatagcgc	ctgcacccat	180
aaaatcccgg	gttcctaagg	gcaagattgt	ggaagaacct	ccttctttac	cccctcagaa	240
gacgggcact	ttggtggatg	tagatggcga	accccaagtc	tccaaacccc	ctgcgaacgt	300
tcgccgtcga	agctcagtag	aaccgccact	tccgcgtttc	cagcttcgga	tgccacagtc	360
ggacagaaat	tcagattcaa	cagatggcct	agtaacccaa	cgaggaaacca	ctgacgaaat	420
tcgggagcac	ttgaagcate	tcgggccttc	taatttggcc	agccgacctc	gtcaaaccgc	480
gtaccagaat	gtgaagatca	agcgggctag	cgtctcgcc	actcgttctg	cgcaaaccga	540
tatggactct	ggccatagta	tgtctggctc	ccaggccttg	catcctaact	cgaccgcctt	600
acccggtggg	atcggcgagg	gactagtcca	gcccgggttg	gatgcaagag	atggcgcata	660
cgtctgt						666

<210> 5314

<211> 651

<212> DNA

<213> *Aspergillus oryzae*

<400> 5314

gctttggctt	gcactactgc	ggctctacat	acgtcaactg	gtatacgtga	tcatatctgc	60
tggtcccggtg	atcttatatt	ccttctctct	ttatccattt	gtttcaagct	tcaaaggcgc	120
ctggcatgga	acaagcatac	aggataaggt	aatgagatgg	ggatccattg	ccccattcat	180
tatagctagc	gtgtggatat	acaatgtaat	ccggggccgt	catgctatag	gcaaagcgat	240
cagaattctc	gagtttgctt	gtcggatcct	cgccacaaat	ccagaactcc	tgatccttgg	300
acttggtatt	ctcgccctca	tcgtttcatg	gacatgggtg	tggatactta	tgttcacgcg	360

ggtattccta	gggggaacca	tagcgggggc	gggtcgcttc	atcatcagtt	tcagtagttg	420
gtggctcggg	gtctatttca	ttcttgttta	tgtctgggtca	ctgggagttt	tcgctggcat	480
tcagcgtgca	gtaacagctg	ctacagtgag	ccagtggtac	ttccaccgac	tcacatcccc	540
tgccccgaca	tcaaggcaga	tcgtttgggc	agcaattaat	cactcactca	cggctttatt	600
tggaccaat	tggttatcca	gatatgtgca	cttcttggtc	gaattcctct	tttt	654

<210> 5315

<211> 682

<212> DNA

<213> *Aspergillus oryzae*

<400> 5315

ggtatcaagg	ttactcctct	ccatacttta	accagactca	tgcagccctc	cgcgcagaag	60
ttcgccaatg	gtttgagttc	gaaattgagc	cctatgtgac	cgaatgggat	gaggccaaga	120
atgttccccg	tcataattac	aagcagatgg	gtgaacgggg	ttaccttgcc	ggattattgg	180
gtggcaaat	ccctgtcgan	cacacgaaga	accgtgtgca	gtctgtcgct	cctgaaaact	240
gggacttggt	tcacgagatg	cttcttaccg	acgagctgtc	ccgcgcgggt	agtgggtggtc	300
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agaagcctct	ggttgacaga	attctccccg	gtattttgaa	tggcgataag	cgtatctgtc	420
ttgctatcac	cgagccggat	gctggaagcg	atgttgccaa	ccttacctgc	gaggctaaac	480
tcacccccga	tggcaagcac	tacattgtca	acggtgagaa	gaagtggatt	accaacgggtg	540
tctatgccga	ttacttcacc	accgtgttcc	gtacgggcgg	gccccgtatg	aattgtctta	600
atgtccttct	cattgagaga	gagcacggcg	gagtcagcac	gaaacgcatt	gacttgccag	660
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<210> 5316

<211> 693

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(693)

<223> n = A,T,C or G

<400> 5316

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gtaacttttc	tcaaaccagg	tacatagtct	tagccataca	catacttcgc	caattatata	120
tttttgcac	cacccctacc	gcggaaatgg	ccgccacatg	cccaaactac	tgccgcatgg	180
aagattatgg	catcatcggt	gatatgcaca	cctgtgccct	tgtgagcaag	aatgggtggtc	240
tggactttat	gtgctggcca	gcgttcgact	ccccgtctgt	cttctgccgc	gttttggaca	300
ataacaaggg	tgggcatttc	accatccgcc	cggcaggaga	tatcaaacca	atgagcaaac	360
atcgatacag	agcgtgtaca	aacgtcttag	aaacgcgggtg	gatccatgag	gatgggggtga	420
tcactctatc	tgactatttt	cctgtattaa	gcaaaaagcc	ctccccatcg	ggggattccg	480
cgtaagcctg	gtgctcctgt	gatacggctg	ctgatgggtc	tgaaggggca	gaatgtcgct	540
cgggagtggt	taggaagggt	gaatgcgttc	gcggacagat	gggcatgggt	gtcgaagtct	600
ttcctgcgtt	taattatgcg	ctngagcagc	ataccgggtca	gtgggttaact	cgtgggtgac	660
ctgggcatcg	gctgaatgag	tatctattcg	aaa			693

<210> 5317

<211> 674

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(674)

<223> n = A,T,C or G

<400> 5317

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ccacatcttc	cgctggacgg	actggcgaca	atgcgacatc	cgcttagtca	acctagcata	120
gcataactag	cgcgctgagg	ggttcaccga	attaaatgtg	tataaacttag	tatccagaca	180
tgaacgccgg	tgctagacga	tacgtgttaa	tctgattgac	cagggtgget	gcttctctcc	240
agaaggctga	gggcgatcat	ttatagttgc	tcccagtgtt	gtcatttggt	ctactatctg	300
agaataaaca	ccgtgaaact	tgccggtga	ctgtaaaaca	acaagttgca	tggtgaatta	360
ccgatccctc	accttaataa	tatggagtgg	cagatatact	tgggcattgc	atttgcgctg	420
tggatcgttc	aggctctcta	tacagctttc	acgtcccttc	ttcggcgctg	cccaggccca	480
ttatacacag	tcttgactag	gttacctctg	aagctagcaa	gtctcacagg	aaatcgcatt	540
tatttcgtcc	acgagctgca	ccggnatat	ggcccaattg	tccgtattgc	cccggacgag	600
gtcgacatat	cttcacttgc	tgaattcagg	gaaattcatt	gcgcgggac	ctcatttctg	660
aagtcaaaat	ggac					674

<210> 5318

<211> 700

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(700)

<223> n = A,T,C or G

<400> 5318

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gctgagccga	tgaatacat	gaccatatga	ctgcgaatag	cgccgcccga	aatgatcttc	120
agtgacaact	tagcctcgat	tcaacatgaa	taaagccact	ggggaatcaa	ctctaaccgc	180
ttcgactgcc	ttggatctga	gcggacgaag	actgtgcgca	tgtgatgctc	aaagattggt	240
actctaaaaa	gtggcagaga	accatagaat	agacacatga	tggcatctag	gaggatgtga	300
agccctttga	ctggtgctac	accacagact	atacggacac	cgttcaagat	ggtggccggt	360
catttgaacc	ngcgaccaca	tctatatcct	taggattggt	agagctgccg	gatcccatat	420
tctctttcga	tgaagtcata	ctgtacgact	atcatctcga	tgataacggc	ttcaatatgc	480
tactctgcga	aaatacgttt	tgccatccat	actactgtta	ttatcaagat	tctttctacg	540
actcgataat	gctctggatc	aggattgaaa	cacgaagggg	tatttctact	ttgaaaacaa	600
agagtgatca	gagagtctct	acccaaagaa	ttaaacttgg	gacagttagc	ataactgtta	660
ccccaccgga	gatgacgctc	ttgtcgtttt	gctcgaacct			700

<210> 5319

<211> 1122

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1122)

<223> n = A,T,C or G

<400> 5319

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caagccctcag	ngaccgctc	agctgcccac	ctggctgttc	ttctqqaqt	tqatgagga	120
agaggctcag	cgcctgcaac	tcgtgtttgc	agagcccgct	caggctgccc	gcgctccgga	180
gctggcgccg	acccatatct	tgcaggctct	gcagaccatt	ccagcccgcc	aggcttcgct	240
caaggaggcc	cgcgacctcg	ccatcccgcc	tctacctctc	gctctccacc	accccgctgt	300
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ttctctgttt	gaqcttcttg	agatcttcac	ggccgacact	ctcgatgctt	acgaggcttt	420
cgtcccgccc	actcccttgg	caggcatctc	cgtgtgtgtg	ctggctgagc	ctggccagggc	480
gctgcagaa	aagatgcgtc	tgttgacttt	ggcctctctg	gcgcgctcga	cccttccccc	540
ttccttgccc	tatgccacga	ttgcccgctc	tctgcgtgtg	ccggccgaag	atgtcgagaa	600
gtgggtcatt	gatacaatcc	gtgctggtct	ggttgagggc	aagctgtctc	agctgcgctc	660
cgaattctct	gtacaccgcg	ccacctaccg	tgttttcggc	gagaagcagt	gggcgggaagt	720

gcaggggtcgc	ttgatgggtct	ggcgccgcag	cctcgagaac	gttctgggcg	tcttcggtac	780
cgagcgggag	cgtttcgttc	gtgaaagcct	tcaggccgcc	gcggcagcag	aggaagccgc	840
ccagggtaag	tcgaacgaca	agggtaacaa	gtctggagat	cgtcggcagc	gccatggcaa	900
caaccaacaa	tctcagcagc	aacagcagcc	ccaggagggtg	gctgccgcag	agtaattaac	960
tctaagaagg	aaacaccacg	atactccttg	aaaagggaaa	agaagtatag	aanaagttcg	1020
tcgtgtaatg	gctgggaaga	ggngtatgt	tgatttcaat	ttctttctat	gggttattct	1080
ttgntcatg	tgttctctcc	gggcgacatt	nntatcggtt	ca		1122

<210> 5320

<211> 631

<212> DNA

<213> *Aspergillus oryzae*

<400> 5320

cgaagagcgc	aaaagaaaag	cgaaacagct	ggagatgcag	cgaaaggagg	cagctcgtag	60
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tgcgtagccc	gatgcctacg	attcctatga	agcagagaag	aagaaatcat	ttgctlaagcc	180
gttgccaacc	agaggggaag	gcctgcagct	cggcaagaag	tcaaaaacca	cggatatata	240
cgagaaagtc	cgcggcgatc	tgggcccctga	agttgaggag	tctagccctc	tagtcacccc	300
acaagcttca	actcctgtcg	tgggggagac	atcgctctgt	cgcgcctctc	tctctgctga	360
ccgggatcct	attcatgtta	ctattgcaga	aacaatctct	gccaatctta	ctcgtgaagg	420
tgctctgaaa	tctctcgaag	tcaagggcga	cttacagctc	cgcctctccg	accgctcatt	480
cactaaagtc	agacttgacc	ttgccaccaa	ccctactcat	ggggctcagt	tccgtacaca	540
tccaaatggt	gataaggctg	ccttcaccga	ctcatctgcc	attcagctaa	aggattcgac	600
taagcgattt	cgggtcaaaa	acttaatcgg	g			631

<210> 5321

<211> 505

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(505)

<223> n = A,T,C or G

<400> 5321

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gaagaacagg	ctaccagatt	ggctgcacaa	acatgtctcg	gcgccggcaa	gatgcttgct	120
gagtcattcg	acagtcagag	ccagctgcgc	aagaatgtta	ccagcccga	tggaaccaca	180
tatgcgcgcc	ttcaaacatt	cgagtcacta	ggcttcaagg	agactgttga	caaagctgtg	240
aattccgcta	cctcccagag	agctgagttg	ggaaacactc	ttggcaagca	ataaacgtct	300
cgggtattgnc	cgaggggaag	taacatacgg	aaaagagtcg	aacgtacctt	gatectgtaa	360
tcattttacca	ccatcagcgt	atacatagaa	tactaaaagg	tctatgaagc	ctgtactgta	420
cgaaaaatcaa	gccactgggt	gttcccagtt	nnnnnanann	nnnnnnnnnn	nnnnnnnnnn	480
nnnnnnnnnn	ntnntttcct	tgcgg				505

<210> 5322

<211> 689

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(689)

<223> n = A,T,C or G

<400> 5322

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cgcgccaaat	tttccagggc	accctaattc	acagcaaaga	cccccaaacc	ctggaaatcc	120

tgccaaacac	cctcctaata	atctccgcaa	caggccaaat	ccaatccctc	cacccctcca	180
ccaacccaac	cgacatccca	acccttctca	cccaagcaaa	ccacaacccc	gacacaaccc	240
ccataaccac	cctctccgcc	accgaattcc	tcateccctg	cttcatagac	acgcacacac	300
acgccccaca	atgggtctcaa	cgcggcctcg	gcccgggcat	cgacctctct	acctggctgg	360
agcaaatcac	cttcgcgcac	gaagccaagc	tctccgaccc	catctacgca	aaacaactct	420
accgcgcgcg	tgtccaggga	agcctcaaac	aaggcataac	aacagcctgc	tactacggct	480
cccgccacaa	agacgcctcg	atcatcctgg	ccgaaacatg	tctcgccatt	ggccagcgcg	540
cactaatcgg	gaaatgggat	atgaatcgcc	acgcaccgga	cttgtagctc	gactcttcag	600
tcgacgaatc	cgtctncgat	acggctcgag	tcatecncaa	agtanaggaa	taagatggag	660
acaccggctc	cgtgacaccg	gtcatcacg				689

<210> 5323

<211> 269

<212> DNA

<213> *Aspergillus oryzae*

<400> 5323

caaacctctt	tctaattctc	ttcctgcctt	tcaattcctt	gtggaagtgc	ttcaatttca	50
tttctggcag	gatgtccgca	aacgatgttt	accagacccc	tctcaactcg	cgttatgcga	120
gcgatgagat	gaaatacctt	ttctctccga	gaaacccgtt	ctccacctgg	agaaagctct	180
ggctgtggct	tgctgagtcg	gagaaagagc	tccgcttgct	tatctccgat	gatgccattg	240
agcagatgaa	ggcccacctt	accattcag				269

<210> 5324

<211> 693

<212> DNA

<213> *Aspergillus oryzae*

<400> 5324

ccatggactg	gagtttaggy	attctccata	tgtaaacac	ccccttctac	gcgaggtcct	50
ggctttccac	agggcctggg	tctattatgc	agccatgggt	atcgatgtcg	ttgtgcgatt	120
caactggata	ttctacgcca	tattcgctca	cgacatccaa	cattccgcgc	tgctcagctt	180
tgtagtcgcg	ttctcggaga	tctcgcgaag	aggtatatgg	acgatatttc	gagtggagaa	240
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tgcaacaaga	cttcacgcgc	aaaaagcgac	cggaaagacct	ggcggtgca	tctgcattct	540
atggtaacgc	aaacacccct	gatgacagtt	gcgaccacga	cgaacattcg	ccgcaccccg	600
accctattag	ataatatcac	tgtgcaagaa	ctaccctgtg	cggaaaacac	aatcgatttt	660
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<210> 5325

<211> 928

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(928)

<223> n = A,T,C or G

<400> 5325

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augtgctcac	gggaactgag	cggtgtcttg	acacccctct	ggcgacagcg	tacagcctcg	180
ccatcgccga	aatcgccctg	atctacgtca	tgtctctacc	cttcccaactc	tacaacaccc	240
tcacatgggt	gaccatccca	ggttcaatta	tccgcgcata	catcattctc	ggtctcgcca	300
ctatcgccag	cgaaatcgag	aatcccttcg	gtcaggacgt	caacgatctt	ccctctggata	360
cctactgtcg	gcagattgcc	ttggaactgg	atatcatcac	cgctactccg	ggcccccggt	420

tcgatgattt	caccgttcgt	gacgacaact	tggtttttga	tccacttagc	atggacggct	480
acaatgactg	gaaggaccga	agcgtcgagg	agatcagagc	tgcaacttaga	acgaagggtga	540
tagccaactc	ccctttcttct	gcctttgggat	cggatgagtc	gaccgttggt	ggaagcatga	600
gcagtaaaca	aacggtttag	atggatgact	acgcgtcaag	agttaaaact	tagacttgaa	660
aaagaaaaag	aaaaacaagg	gaatgaaagg	aatcgttcaa	aagttactat	cagcgccggc	720
attgggtttc	ttttttgagc	atgcgcgttt	cgggtgtttct	gttgcttgag	gacagggagt	780
actccactcg	ttactgccat	ttacattcat	gtcattcggt	gtgaatatgt	tggctggnga	840
taatcgctac	ttggtgcgca	gatgtacatg	atggatntat	acattagact	ggttatattg	900
aaacgactgg	atnngttggg	tttgagca				928

<210> 5326
 <211> 660
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(660)
 <223> n = A,T,C or G

<400> 5326						
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gcgagtaatc	tacccttcat	tgcgtcgggt	taacatacca	ttccggccca	tttcgcgcac	120
cactttttggc	ttcgtgatca	tgctggggagc	cattgcagtg	gccgcgggcc	tgcaatcact	180
tgccataaac	tcacccctt	actcggtaaa	tttcttatct	attctcccca	tttacgtctt	240
gacagcgctg	tctgagatta	ccgccttctc	cagtagcatg	gaatatgcct	atacaaaggc	300
tccccgggtcc	atgaagagtc	tggtcgcttc	ggtcaatctg	ctcctctgcg	ctctgggctc	360
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ttgcctcagt	ggcatgatgt	ttctagcggc	tattcttgtc	tacgtgctct	tttccaagta	480
caacaagggtg	gacgagaaaa	tgaatcagat	cgaaagggag	gcggacagcg	accgggagga	540
atagaggcat	acgcacgcta	cagaaatgag	tcttgatatt	agaattagac	cagaccatct	600
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<210> 5327
 <211> 644
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
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 <222> (1)...(644)
 <223> n = A,T,C or G

<400> 5327						
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atgtgagtg	tttgggtgcaa	ttcgccaagg	ccaacggact	caaattcacc	atccgcgtcg	180
gcggccacaa	catggaaggc	cgggccattg	tagatggcac	cctcgtaatc	gatcttcggg	240
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ttcaaaqaaa	actttqccaa	aaattgtggg	ccgaaggact	tgccacgccc	cacgggggtca	360
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cactggggac	tgggggtttg	atcagaatct	tggtgcaacg	attgtgaatc	atgatgggga	480
agattattga	ggengaccan	aaacttcttg	aaggcattcg	tggggccgga	aggggtggtcc	540
ggtgttattg	gtgatectac	tatcaagggt	tatccactca	gaaattttct	ggcttgtqca	600
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<210> 5328
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 <212> DNA
 <213> *Aspergillus oryzae*

<220>
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 <223> n = A,T,C or G

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 ccgttacaat gacttgatcg atttccataa cggaaagaag atgcacgctc aagccctaga 180
 gctccataca cgattcggcc aagctgaatc cgagaccgaa acggcgccgc agcttcatgg 240
 tcccaagaga acagttgcct acctgcaaaa cttggcacca gatcgaattg acctcatcct 300
 cgaatttgct gaatggggcg tgcgggaaga ccccaacctt ggtatggaga tattcctagc 360
 agacactgaa aatgcagaga cactaccccg gcaccagggt ctcgaaattcc tgcggggcat 420
 cganccgaat ttggctgttc gatattctga acatgtaatc gggagttgaa cgacatgact 480
 ccggatttat accaaaagct cctcactttt tacatggatc ggttgaagaa aaacggatcc 540
 gaaagctggg cattccctaa cggcgaggaa cgtattctat ggagaaataa atttctggag 600
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<210> 5329
 <211> 1060
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5329
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 atgacacgcc gatttggtcg cgcgggtgta caactcgcaa tatttgcctt ttgtatactg 180
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 ctcccttcgc actattctgg actcgtcgtt acggatgtga ccataaaaac gtgctcgcct 300
 atcaatccct tctccaaatg caaacctacc tcgcaatcat ggacacaagt cgacaaagat 360
 ctttacttgc gcactgggtg gacgtccacc gcttttgtcc aatttgagcg gaaaaaggag 420
 gaggatctac ttcctacgga caaagttgtg atcgatctga agattagtcg gcttggtccg 480
 gagaccactg aggatactaa ggatggggag aaagacgaag aaacgtggga gccgagacca 540
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 accttagtcg atgtcctttt cggtgccgat gcggtggatc cacggattgg ctgggaggtc 660
 agagatacgc cgtcgtcgtt ggatagtcgg acggaggaac tggaaagctc tctcagttt 720
 cagaggggag atccctagag aatgaaaaaa ccagttccca ggatcaatga acatggctcg 780
 ttttaagatca ttcagctggc cgatttacat ttgagtaccg gtcttggtt gtgccgtgac 840
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 tttgtggaga ggctcctgga tgaagagaag cccgatatgg tggctcctac tggatgacca 960
 gtgaatggcg aaacctctaa ggatgtacaa agggcgcttt tcaaggctct caagcctggt 1020
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<210> 5330
 <211> 683
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5330
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 cttgaatctc tggaaacagca gttgcgctat agtcaaaaaa aaactctacc gaagaaaaga 180
 acagcctgaa tttccagcat caattgctac ttggccatgt gtcattgctc acggatgtgg 240
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 gagaacggga tgaagatata cgagtctctc gctatctaca ggctctatct atcgaaaggtt 360
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 tcttacagaa ggttccctta gtgaagcagg aatcagagac cacacaggtt acagttcgtg 540
 gaatttgggc gacatcaatc ggtggatcga atatagtact agttgcgctt gaggggtcct 600

caaactctgca atgcttcgtg cttgggtcgg atggcacatt aaaaccacaa gacccaatcg	660
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<210> 5331
 <211> 672
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5331	
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cttaaaatgg cgtctccctg tgcctgctcc cccctgacct ctgggtgccga gtctgggccca	180
gactccaagg cttctggctc tgggtgctgg gccgtggctt ctgtctcttc cgtggcccg	240
acctctctc ccactctccc cgggtggctc cgagctgctt tgcgtcgtcg cgcggctgcc	300
gaccacaagg agtctctgcg caatgccaga cccagctcga ctgcgctgc cgggtgccgt	360
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cgggtcgtcg tcttggctct gagcttgggc tctatctttt cctgcgttgg tctgcattgc	480
atcgccaaga tcaactcgaa gtttctctcg tgatcaacga cgttgcgtct gctctcgcca	540
tcaactctctt gcttgcctcc agcgacatct ggggttgactg aatgagggtc tgagtggaca	600
gggatgtttt gctatgtata gccggctccc gctcctggaa cgaatttggt tattctgtga	660
gagtcgcttt tg	672

<210> 5332
 <211> 688
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5332	
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gttgtgtttc gcaatggcaa ccgaggaaga ggctttgtac aagccttatg atcaattcat	120
ccttttttggg gattcaatca ccagatgtc cagcgacccc cactatgggtt tcgggctatt	180
cgcgcactg caggatgctt acagccgtcg cctggacgtg atcaaccgtg ggtttgggtg	240
ctatacctct ggccatgcca tcaaagtctt tcccaagttc tttccacac cggaaaaagc	300
cacagtgcgg ttcattgacta tttcttttgg agccaatgac gcattgtctc ccggcagtc	360
tcagcacgtc ccattggacg tgtataaaga gaactctgact cggatcctac aacatcctgc	420
aacagtggcc caaaatccac atatacctct gctgactcca cccctgttaa atgaatacca	480
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ctaaggaata tgccgaagca gtcccgcgaa tcggcggctc tctctgtggt ccccgtagtg	600
aagtatggaa aggatattt gtttgcttgg ggcttggaag gagggccaac cactaccggg	660
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<210> 5333
 <211> 1231
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5333	
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cttcgagctc cacaagatat gtttgaagg ccagattctc cttcaactac cttctttgaa	180
cataatatca tcataaaatg ccttttgaga agcctatttg tcttcttact ggtgctacgg	240
ggggccaggg cggctcaatg attgatgcat tgcctgagtc cggacgttat caaattcgtg	300
cgtccttctg caatctcacc ccagcgaaaa ctccagcctc acgtgaccga ggtgttgaga	360
ttgtccattg tgattttaat gatgaagcca gcttgggtga ggcttccaga ggagcactg	420
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tatctcacta catctggta acccttccat cgtctgccc acgtgtccag ggaaaaatcc	600
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cqcttttccac tcccagctct ctcaaaacca gtggcaaaata cgcctgggtg caaccggttg	780

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tgcttctgcg	caaggacgat	ttgggcattg	atactgcaca	tctcactggg	ctggacactg	1140
cttttgcgca	aattgattgg	aaccaggttt	agatatgcac	cgaagttcga	actgcctggc	1200
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<210> 5334

<211> 653

<212> DNA

<213> *Aspergillus oryzae*

<400> 5334

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gacaatgggg	tagtccccta	tatcattgat	tcgtccaaac	cgtgcgcgaa	cgatccctcga	180
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attgcggcaa	cgtcagttat	atgtaatctt	gcgctggact	ttagtccaat	gaaagaggca	420
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ctccgaattg	aatcgctttg	ggcgttgaag	catgtagcct	ataactcgac	caacgatgtc	540
aagatgaagg	tcattaacgg	cttgggacct	acgtggatcc	agcaaatcat	aacgcaagac	600
ccaatttagtg	ctctagctaa	acgaaggctg	gatgatgaga	tggaaagcgg	cac	653

<210> 5335

<211> 606

<212> DNA

<213> *Aspergillus oryzae*

<400> 5335

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tgaccttcac	cactaccatt	gtcccgttta	cacaagacca	gatcctcccc	aagatccaag	180
cctcagcaca	agcagcagca	aagcagtgtc	ctgggtggcg	ctccaagacc	gactgtggac	240
gaagctggta	caagcaggac	aagtgggatg	gttcaaaaatc	gctggagtgc	gacatgagtg	300
cgtctagttg	cttgtcgtcc	accatgatcg	ctcacaagaa	agagcaccaa	gcacccttta	360
cggcggagac	cgggtggcacc	aacaagagta	atcccagcgc	aagctcgggt	cacaaagatt	420
cacagaccgg	taccgcccc	cccgatcacc	actggtgac	gggccccggc	cttgattgtg	480
acgttctttt	tgcgtgtgtg	ctggatggcc	tccgtgagct	tgatggttta	ttgaggatag	540
tcaagggact	ttgtcctttt	gccattggaa	ttcccgcctg	tacagaacct	tggatagctt	600
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<210> 5336

<211> 693

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(693)

<223> n = A,T,C or G

<400> 5336

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ctactcact	ggaccgtgcc	atcctgcttc	catccgaggc	tttgaaccac	catgaaattg	180
cggatgcaga	gcgtcgaaatg	cgcgcgcgtg	cctccagtct	cagccagatg	tctgtggatc	240

accggctgtc	ccaggrtcag	gagaacggca	cgtctaccgg	gcttgatccc	cgagataaaa	300
acacatccgc	gtgggttcagt	gggagccctt	ttatgcgtcg	ccaatctacc	atgcgatcac	360
aaagatctca	gcggtagtgc	tttggctatg	aaattagatt	gatttcctag	aagctctctt	420
gctttatcgt	gaccctcact	ccaatggtct	taatcttata	tgattgggtg	taacatttgc	480
tttcgggtgct	gtagaccttc	tgttactggg	ttacatctgt	ctttgagcgt	cgngtctttt	540
agtgtatcat	tgctcgaacg	tctacaatgc	tttctnccct	aagggtgaat	agtgtggctt	600
tgtcgggcaa	tttaaggggc	taggtttctc	ttcttgata	tatcccaatt	aaaagcccc	660
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<220>
<221> misc_feature
<222> (1)...(783)
<223> n = A,T,C or G
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<210> 5338
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<212> DNA
<213> Aspergillus oryzae
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>210> 5339
>211> 631
>212> DNA
>213> Aspergillus oryzae

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cctcctggca	gaccccaacg	gtttttacga	ggacgtcgag	gtatgcggcg	tgcattattt	240
gacagtgcac	cattgcctct	tgccccgaag	agggtgtatt	tccagtcaac	aggattatgg	300
ttctgtggct	aagctttata	cgcaccgcga	agcctggggc	caatgtgaaa	gatttcttgg	360
gaaatacttt	agaagcattg	aaaggcagga	tgtctcatca	acttccaagg	ctggggagat	420
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cttgggtgctg	aggaacaaaa	actcggggcg	cacagcgccg	cgccctttcg	gagacttgga	600
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<210> 5340

<211> 650

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(650)

<223> n = A,T,C or G

<400> 5340

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acgactgcag	atcgcatcct	agtcttgcct	gagggcaagg	tgcgggagag	tggcactcac	180
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aacactcacg	cctctgcggg	ccgacagaca	cagggccatc	actggcccg	gcacgatcaa	420
aaagcataga	gcagaacctg	gataagtcag	cgcggggagt	tatcccaggc	gttgttttca	480
gtcacatata	aagagcttat	acttagagtg	tccgagggat	gatataccag	tctagggttg	540
tttttggcct	ttttttctct	tncttttctt	ttttctctct	tttctctctt	tttttttttt	600
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<210> 5341

<211> 724

<212> DNA

<213> *Aspergillus oryzae*

<400> 5341

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caaaattttac	ccgcgtggcg	ttctggggagc	tattgaggtc	gctgcaggaa	tcattgcacgt	180
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<210> 5342

<211> 715

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature
 <222> (1)...(715)
 <223> n = A,T,C or G

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tccgcgacac ccgaaacgat atcgtgaaga tgggaaggcat ctatgccacc ggcgggaata      180
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gccctgatgc cgcggaaggt tgggtcaaaa ctacgggaat gagcgacgag tttgtgagtt      300
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aagggtagtgt ttatgagtga aaggtaggag tggacggatt agtaggtagc ttaggccatg      480
attagtgtat cgatgttggg tatgggttag atgtgcgtat gacgtaaggt aatggtgata      540
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aaggtaataa tatgaatata cgctaaggat aggatataag tccatgtgtc atgaggaata      660
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<210> 5343
 <211> 575
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(575)
 <223> n = A,T,C or G

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cgactgtcga agccggctag tggacaataa ataactgacg tggttttttt ctctgcaaac      180
agtcaaggac aaggcccagc acgcggttgt cctcgagaag accgtcgtct agcgtctcaa      240
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caacggctcc ctgcgccgta aggcctctga ggacctcgag gagaagggcc agatcaagaa      360
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<210> 5344
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 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5344
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actccatgtt gcacctgacc attgatcgat caaatgcgga tattgtccag caattgcaac      180
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gcattctaca agccttggcg ttggatgagg acctccgga gaagccagaa gacaaaangt      300
tggccagata tggccagatc gataaacgca ctggcgacta tgtattgtct tgggcccagc      360
agtttggaaaa gcaatacgcy aaaatatcgg cacatggccc gaagagcaca ctcgtcaaac      420
gaagcgccaa agacogaaca totgaagtgy aggatgcagc ccagaagcca tacaagaaag      480
tgaaggttga gacagacgag caaggcggtg aagatgtagt gcgagcccat taccagaagg      540
gatcgctatc gaagcttaag gtacctgtcc tcaaaagact tatgaatgcn catggaagct      600
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<210> 5345
 <211> 979

<212> DNA

<213> *Aspergillus oryzae*

<400> 5345

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ctccggcgac	tttgtctcct	tggtccattt	acttgatgac	tatgatgtcc	atcaagcata	180
ccgccc	ccaaggacta	caactgttcg	ctccttcaca	cctcgatttg	atgtctatga	240
actaaaca	aattaccatc	ttaatggaga	actacctggc	gttaaccaag	ccagtctcga	300
tattgagttc	accgatccct	atacgttggg	cataaagggc	cgcgtggagc	gcaagtacag	360
cgacagcaca	tccagtacca	acgagcatgc	tgaagttccc	aatgatgctt	cttctgtcaa	420
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<210> 5346

<211> 1056

<212> DNA

<213> *Aspergillus oryzae*

<400> 5346

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aacacactcc	aacaagtcog	cactctggta	gatgagctta	gatatacttg	ggatccgagt	360
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gctatgaaaa	gatatgtgtc	tatgctttac	ttaatttacg	actattggct	cctacatggg	1020
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<210> 5347

<211> 625

<212> DNA

<213> *Aspergillus oryzae*

<400> 5347

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<210> 5348

<211> 660

<212> DNA

<213> *Aspergillus oryzae*

<400> 5348

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atacagacca	gacacagcca	ccttaacaac	cgtattccgg	cactgcatca	cgacgccctt	180
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<210> 5349

<211> 693

<212> DNA

<213> *Aspergillus oryzae*

<220>

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<222> (1)...(693)

<223> n = A,T,C or G

<400> 5349

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gctgggttgt	gcctctacgc	taccagccat	ncctctgctt	aaattgctcg	tgtgtggtag	660
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<210> 5350

<211> 674

<212> DNA

<213> *Aspergillus oryzae*

<400> 5350

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atctctctcc	gagacaaagc	caagcaccga	gggaaggnat	tagaagaagt	catgaatgtt	180
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aaagatttca	tgaggctggg	tatctctcat	ggcacacaaa	aaagtcaatt	tgcttatcgg	360
ctaagcatgga	acaataacct	ttcagaaaag	atcccattcc	tacccttga	ccgacaagat	420

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cttatccctt	ttgcataagt	tgaggaaaca	cccagcctgg	gccttaattc	aaatttcggg	600
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<210> 5351
 <211> 659
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
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 <222> (1) ... (659)
 <223> n = A,T,C or G

<400> 5351						
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gncagctttg	gggtgttcca	agcgtattac	cagagcagtc	taggtgtatc	ctcatcggca	300
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tacttcgcca	agcgaaggt	ctttcgcttg	ggaattggtc	tcgtcggaaa	gtggaccggg	600
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<210> 5352
 <211> 632
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5352						
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caacaaaatc	ctttccttcg	cgatcccgtc	ttattatcgc	agatgatgca	ggcaatgggc	300
gcaccaccag	gagaagctgg	cgcagggtga	cttggcgcca	atcccttggc	ggcgtcctt	360
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<210> 5353
 <211> 1242
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1) ... (1242)
 <223> n = A,T,C or G

<400> 5353						
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cgtcatctac	ttcaaatag	tctgctggag	atccattcaa	agtctaccct	atcactggcg	180
gaaaatataa	ccgccaagt	gattcettac	ggaccgcgtc	tgactttttt	gctcggggcct	240
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aaagacaccg	agaccgacca	cacatacttc	ggcactgttg	tcggccgcta	tgccaaccgg	360
atcaaaaacg	gcaccttcca	aatagatgga	gacaagtaag	aaatccctag	gaacgagcac	420
aacggcaccg	acacattgca	cggaggagat	gtcgggtatg	atcagcacaa	ctggactgtc	480
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tcctatatata	atggccaacc	ttatttacgg	gaaccttaac	gcgttcaagg	aaaccaaggt	720
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gtatgggtgc	gtcgttatcg	agaccgaagg	ttggattgat	ggaatcaata	accccgagtg	1200
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<210> 5354

<211> 839

<212> DNA

<213> *Aspergillus oryzae*

<400> 5354

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gtcggatgat	ttcagagccc	ttctcattat	tatcaggggt	catgtcagag	gtcagtgggt	180
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<210> 5355

<211> 1914

<212> DNA

<213> *Aspergillus oryzae*

<400> 5355

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<210> 5356

<211> 638

<212> DNA

<213> *Aspergillus oryzae*

<400> 5356

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aggcatgggt	ggaaagggcc	gtatgggtgg	tatgggtggc	atgggcggga	cccatatcaa	480
catcgacccc	aacaacctct	ttaacatgat	taaaacgcgc	agtggcggtg	gaatcgccca	540
ggcccgcgga	aacccccctt	gccggcgcca	gtcccgcctg	ctgaatccct	ggcggattcg	600
ccttctaate	caaggacggt	acgtattcaa	cgccaaat			638

<210> 5357

<211> 621

<212> DNA

<213> *Aspergillus oryzae*

<400> 5357

tgtcgatata	gagggtatca	ttctcgttgg	cgagattggg	ggaacggcgg	agatagacgc	60
agcagaatgg	atcaaggatt	acaacagaag	aaccgcgaat	cctaagccaa	tcattgggct	120
agttgggtgg	ttgcacgctc	ctgccggacg	aatcatgggc	catgcaggcg	catggactgc	180
tgttggagaa	ccgggtgcac	acgcaaagta	tcaagctctc	gagcgcgcgc	gggcagtcct	240
ggttaaccac	ccagagaaat	tcggagaagg	aatgaagacc	ctactgaata	gtcgaccacg	300
gttgacagac	ccagcgtcta	ccaacacccc	qaaccaqaaa	aggggcctac	acacaatgag	360
agtggttaact	ctacaaaaga	accaacgcct	acctgtatcg	aagcagagcc	gggtccctctt	420
catcaaggaa	ttccaggccc	tggacatggt	gaaggaaaag	tccattccaa	tcaacgaaac	480
agaaccccca	gaatccgaca	ttttcctaaa	tctcacagtc	gatagaacag	cattatcacc	540
ctgcgttata	gcttcaacat	ctgctgattt	cgcaccgtcg	cacaactagca	aattttcttt	600
cccttacttt	aacacagact	t				621

<210> 5358

<211> 684

<212> DNA

<213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(684)
 <223> n = A,T,C or G

<400> 5358
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 caatggcgcc cttactcgca ctcagggtcga cctgggcac caggacagcg tcaagacctt 120
 ctacgaagac accctgaaat ccgccagaga caaggctcgc cccgagctca ttaaggctct 180
 cacatacaag tccgcagccg ctgtggaatg gctgatggat gttttcaacc tcgatctcac 240
 ccttggtttct cgtctcgggt aagtgatgta atccggtgaa tatgacaact cgatcttcta 300
 acgggtgtcgc agtgggtcact cccagccccg cacacaccgt ggtcacgatg ccaaattccc 360
 tggcatggcc atcacctacg ccttcattgca acgggttagaa gagcttaccg agaaggagcc 420
 cyagcgtgta cagatcgta agaaggctcg tgtcacctct gtcaacaaga ctggcaacac 480
 cgraaactggt gttacctatg agtacgatgg cgagacacac accgcccagc gtattgtcat 540
 cttggccact ggtgggtatg ccgcaaaact cggcgacggc tcccttcttg agcaagcacc 600
 gcccgacacc ttccggcctgt ccagcacgaa cggcacacac gccacttntg atgggtcaaaa 660
 gatgttgatg gagaatgggtg ccaa 684

<210> 5359
 <211> 679
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(679)
 <223> n = A,T,C or G

<400> 5359
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 ggctggcgtg cgtgacggtt tgccctcgac tgcttgacg ttatgaaagg aagcaaaagc 120
 tatggtggga cgactacatg atcatatctt ccatgttatg gaacctagtc gttgtcggat 180
 ttattttacgc catgataaaa gaaggaaatg gtcttcattg cgacactatc ccaacgagta 240
 acgtcgatcat gatcgcgag ttccctagtcg tggccgagat tctttacgta ttcaacctcg 300
 tctggaccaa gctcagcatt ttaactcatgt actaccgcat cttccgggtt ccttacttca 360
 agacatgggc atacatcacc ggcaccttcg tcattctctg ggtcatctgc atcacattcc 420
 ttttcatctt catctcgta ccggctcgaga aactatggta tccncaaacc cccggccgat 480
 gcatacaaca agtcgggaca tggatcggca acgcccgtct cacaatcgc accgacatcg 540
 gtatccctac ttctctaacc ccccaagtct tgaggcttca acttcggctt tncgagaaaa 600
 tagcggngtc aataagcttc aagcttggct tcttcggngg ctccgcttcc gctacgggtt 660
 ntaagnttt ttaactaac 679

<210> 5360
 <211> 683
 <212> DNA
 <213> Aspergillus oryzae

<400> 5360
 ggpggtatgc cagtcttttag aaatcgacca cccggaaaac ggtctcuaaa taaagngng 60
 tacttgcgat ggcacaaaaa gcaaaacttt ttgatatcgt caagcttttg gtagatgcag 120
 gaggttgatat caactaccag gatgagcaag gcgaaaccgc gttacatgtt gcagcccgat 180
 ttggacatca tatgtgtgcb aagatcttgt tagaggcgag cgatgaccag aaggcgata 240
 ctgaatttggc tagcataacg tactcttggg cccactctt cattcgaggt gttgatggat 300
 ctttgagcct tataaacctg ctgattgaag ctggtgacca ctttgaaaaa gctgactccr 360
 ccgggtggac tgogaaggag catgcggcgt tgagaggcca ccttgacatc gctcgacgtc 420
 ttgctgagct taagcctgag cctgaagtca cgggaagctga gctgtgtgata ccgattctcg 480
 gtagcttctc gtctctccca gccccattct ctttgatcga gogaagatct aataccaaca 540
 cgccttctcg gattctctatc acgcgggatg gtgaacctgt gtaattcttt gacacaagta 600

tcttaccgac	gaaggcatga	accttgtgag	cctgggtaca	ttgatatgca	caagccctgt	660
tgaacaatt	tacccttgat	tgt				683

<210> 5361

<211> 984

<212> DNA

<213> *Aspergillus oryzae*

<400> 5361

aggaattttt	ttttttttt	ttttaacagt	caagttattc	attctgtatt	tgctgggagc	60
ctcaggctca	tgcacatatg	tactcgataa	aatataaatc	ataaaaagcat	actccggcag	120
tccccaaggc	caatggccat	ctgcgcacgc	gctaattgtc	caaaaatcgt	atcaatccaa	180
ttgattgac	ttcatcttta	tgtattcgaa	gatactgagc	aagatcatat	tgtttaccoc	240
agtacggatg	aaaataatcg	aaagtccttt	atacatactg	gacttggcaa	ccgcagccga	300
cgccctccag	acttcgctgg	attttccgag	caacacgcgc	tggacacggg	tctttcgagt	360
atcaagtggg	taggtacaaa	accacgggac	agtgtctgca	atcgccccgg	aaatcatggg	420
gagcccaaac	ggggatttgt	ctggggccaa	ctcttttcgat	ggagcttggc	ttaccgcttc	480
gtagacacta	aagtataagc	cagacccata	agtatcaacy	agagcgtgca	gatgaaagcc	540
ggtgtacagg	ccacggatcc	cgtaacgttg	gacgatctgc	cgaatggcct	cgatgggtgcc	600
gagacggggc	ttgttacgca	atgaggggtc	attgaccgcg	tctggcgagg	cctgggcacg	660
gtttgacacc	aagaccgagg	tctgaacgac	attcttagca	agctcaaagg	ggcctttact	720
caagtcagtg	gctgaagctc	aggtaaacag	atgcaattat	tcagtcgtac	atgcaagcgg	780
ggaagtgtatg	agcccagcaa	ttagtccagc	agtgggtgaac	gtcacaaaagg	tagagacggt	840
aggcgtgctg	cccgtttgat	tgtacataac	cagaggagac	tcgccagtca	ttctctcgaa	900
gaaatctgag	atacgtatgt	tggcagcgtt	atatgtagag	aagtttacaa	cccgaacagc	960
tgtaacactc	gctaaagggtg	gcag				984

<210> 5362

<211> 642

<212> DNA

<213> *Aspergillus oryzae*

<400> 5362

agcaaaaatt	attcttttgc	tcacattctc	ttatatagtc	aagatatata	cgccctgtttc	60
ggctgcatac	ctatgtgtac	gcattctgtt	tacccccccta	tatctgggtcc	ttgcgcatac	120
cgccccaaat	tcttgaatac	tatgcttcca	cgatggggtt	gagcggggcgt	cacacggatg	180
tccgccgaaa	gatgggtgctg	ctaggcgaca	gggcttgcgtg	tatgaatttc	gacttgaacg	240
agttgacaac	agggctcttc	cccacactat	atgagcccac	tgtttttgaa	aactatgtcc	300
accattatct	ttaccacaac	tgtacacaag	ggatttatgc	tctgggatat	cgctggggccc	360
gacgtatttg	accgatttgc	cgcgccctatg	taccacgcac	ccctgtgaat	atgctttgat	420
ttaaggggga	aagcccagat	tttttcaaaa	ccttcccac	caatgggcct	accaaattcc	480
gaaaaccttc	ctcggggggag	aaaagggccc	cccacccttc	aaaggggctt	aaaaaaagaa	540
aaattttaata	ccctttccccc	atgttttcaa	tacaaaacaag	ggtttaccaa	aggcaaagga	600
aatcgggggt	ttaaaaaccc	ctgaaaacctc	tgccgaaaaaa	aa		642

<210> 5363

<211> 777

<212> DNA

<213> *Aspergillus oryzae*

<400> 5363

gattcgactt	actagaaatg	gtgaccggat	atcacttgta	tacgcaaata	cgaatttttaa	60
catgatagtg	ccattaaacc	ctctcccttg	actcacatat	ccaaaaacga	ggcataagcg	120
gagaaacacc	atggcgttca	tcaagatcga	aatcatttca	gacgcaatct	gtccctqgtg	180
ctacatagga	tatcgaaacc	ttcaaaaaggc	aatctcctta	taccgcaaga	cctaccccgg	240
cggctcgaaa	aacactatag	aagtgtgggtg	gaaaccatag	ttcatcgagc	aagaacccgc	300
aaaggaaagc	atcttaatac	aagaccgtat	gctccgcgcg	atggatccca	aaatgggtagc	360
agcggccacg	accgccttga	agcgtgtagg	tgccgatgcc	gggatccgat	tcaagcttgg	420
tgggtatata	gggtcgtcta	gactagcaca	tcagctgctg	tatctggccg	cgccggagggg	480
gagtgagctg	cagtgctcggg	tttcagagtt	gctcttccac	taccagtttg	aggaggagac	540

cgatattagt	caattagata	ccgtgattgc	tgttggggta	caggctggac	ttcgtgaaga	600
tgatgtccga	gagtggctag	ctagtagtgc	tggagtggcg	gaaatggaag	ctgaagcgaa	660
gaaggcaagg	gctgatggag	ttactgggtg	gccccatttt	tgtatcgggg	gaaagcatca	720
tatggagggt	gctatggata	tgtecgaaact	gtttgaaccc	tttgtgctgt	tagaaaa	777

<210> 5364
 <211> 640
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(640)
 <223> n = A,T,C or G

<400> 5364						
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acttttcgtca	cttgctacct	agcaattaca	aacgcctgat	tacttccctgg	ctcgaagagg	120
actgtcccgag	ttttgactat	ggcgggtttcg	tgcgcgggga	gtcagatggt	gaggcaagggt	180
tggtgggggaa	agctaaggga	gtcgtttgcag	gtgtcccttt	cgtcgatgaa	gttttcgctc	240
agttaagatg	cacagtggaa	tggcacgtcc	aagaaagcga	gccaattga	acctatcaaa	300
cattgcgcca	caatgcgcgg	gcctatccgc	aagacctnct	tcgagaacgt	gtcgcctcca	360
aaatctcccc	cgtgggtccc	tatcgaaaca	aaaaccgcct	gctaagaact	gctttccctgc	420
ccacagattg	agtggaaagc	ttgctggcac	ccgtaaaaacc	cacctgaat	tcccggtggcc	480
aaaaatttgg	aattttttatt	gaaggggcca	accacaccgc	cttaacttaa	ttcaaaaaca	540
aagctgaaag	ataacccctt	gttgggcttg	tgcgaaataa	ccgggggggtt	aaagatgggg	600
gcgggtcctg	gttttaacca	aatccgttcg	agtttgtttt			640

<210> 5365
 <211> 661
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5365						
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ctgcatctac	caaccgagtt	aatctcatcc	gtgaccaaac	caaaatcacg	cgcaacgcgc	120
cacttgagcg	ccgccgagtt	taagtttccg	ctgcaacggt	cagaaagcag	tgctcgttca	180
gattctcaag	atgccaaaat	tcttctgtga	ttattgtgat	gtgtacctca	cgcacgactc	240
gatgagcgtg	cgcgaaggcg	acaatgcagg	aaggaaccat	ctaaggaaag	tggtgggata	300
ctaccaacaa	atcggacaag	agaaggccca	atccgtcatc	gactccatca	cctcgtcgta	360
tgcgcgcgaa	ggccatgcgg	taccgaaccc	cgcgatggct	cccccatggc	gcttcccccc	420
tccattttcc	ttcccaggac	gtccaggcca	actgcgaccc	cctccattcg	gcttcccacc	480
agcaggagga	ccagacgggtg	ccccgggcaa	gccccctcct	cgaggagcaa	gaggtttcgc	540
gttgccaaac	gtcgatcccc	gaagcctcaa	ggtccgcgca	ggagtcttcc	agcgcctccc	600
cgacatggcg	gcattggaaa	gtctgcattc	cgcacgggaa	gagacgggta	ttgcctcgga	660
g						661

<210> 5366
 <211> 681
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5366						
gatactttga	agccttgcca	acagccatgc	ggaaagacca	agacgatgtg	cggtcaccca	60
tgcacgggag	cttgccacgc	gccttatcca	tgccccgaga	aaacgccttg	ttcttccatg	120
atcacggtaa	catgtgggtg	aggacgcctt	cggccaggag	gtcgtttgaa	tgcagcgaag	180
gctgtggcat	caaagggaca	gttgccagcg	ccacaaagat	tgcctgctgt	gacccccctg	240
acatgtgatg	atgaatgcgc	gcggctcgag	cggaaccggt	cgttggcctc	tgctttggga	300
gttgacatta	acccgctcgac	tactgttgcg	cagaacgcta	ctgcgagtct	tccctattct	360
tctgaaaactc	tggacatgta	tatccagatg	tgcctctccg	ctcctttgtc	taccttccaa	420

tcttatgaat	ctactcttca	ctcattagcg	gctaattcaa	cacaacgttc	tgtacggttt	480
caaccagcaa	agtcattcct	acgggcgttc	gttcattctc	tcgcaactga	ctggggcttt	540
gcgagcgaga	gctttgaccc	cgaacccacc	cgcattgtgt	tgttttgaga	actacagtgt	600
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aacctatgcg	gtaaactacc	t				681

<210> 5367
 <211> 668
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(668)
 <223> n = A,T,C or G

<400> 5367	
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cttcggaacg	gtttatactt
caacctcaac	tccctctcaa
cagtcccgaa	tacctctcca
cggaaccttt	ctcttcgaat
caaggaccag	ctccttggtg
cttcgcccag	ggggatgcta
gaggaagtat	acggcggagg
ggctgttgag	gcgcatctga
agtgaagttg	gcgcatctga
tggatgcgga	gtttatggcc
gaagatga	

<210> 5368
 <211> 654
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(654)
 <223> n = A,T,C or G

<400> 5368	
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cgcaacgttg	cgcgcgcatt
ggtgctgatg	tcaactcgaa
ccagaggetg	acttctcttt
aagcacgtct	ctaccgggta
cacctgcagc	ttcttcgtga
tacgcttttg	ccaagtccca
gaggaaggca	aaaagaagaa
ttctccagaga	agcctactat
gtcaaaagatg	cctctccccc
tccttcatgc	agaacccaaa

<210> 5369
 <211> 658
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature

<222> (1)...(658)

<223> n = A,T,C or G

<400> 5369

cataaacacc	gtttggacga	cgatttccgaa	ccaaccggct	tggctcgagc	ttttaaagct	60
aaagagacac	aatgtttttac	gatctcaacg	tgcggtgcgg	cccagacgat	cccagagctct	120
atccaacttt	aagcttttctt	gcagaactcg	gttacacaac	gatcgccctt	tcgcaaaccc	180
tcaacggaaa	gcttctctcca	aatcctactc	ccccacctgt	tcccaccaat	gttcccaagg	240
gcctgacaat	actcaccgcg	gtgaacctac	cactctccga	ccccacgcag	aatcagcgac	300
ttaccaccct	cacccaagcg	tatgatctag	tagcaatccg	cccagcgaat	gaaaaggccc	360
tggtgaatgc	atgcaccaat	ctggaatgcg	acgtgatttc	cttagatctc	tccgtgcgac	420
agccgtacca	cttcaagttt	aaaatgctct	cgcgcgctat	cgcacgagga	attcgctntg	480
aaatatgcta	cggcccggga	gtcacgggga	gcggcgccga	cgcttggggg	cacctcatcg	540
gcatagcagt	gttgccgatt	cgcgcaagac	gcgcgagagg	aaacatcatc	ccgagtgtac	600
ggcaagaaaa	gctctggggt	gttccgggca	cngtggggat	gtgatttaag	cttgcgag	658

<210> 5370

<211> 782

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 5370

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gtgggtctgg	taccaccctc	ggcgaccctc	cccacaacat	caccttcacg	gccgaaacac	120
ccctctgggt	cgccccacta	ctgatttctt	cgccctccac	ccctcgaggaa	gtccacaaaag	180
ccctttgcgac	agtcggcgcc	gatatcatcc	taactgctac	atatcaaacg	agctttgagg	240
gattttacgct	cacggaccct	cgttacacgg	ccgacgatgc	agcgcacttt	atgcgctccg	300
cgattccgct	tgcgcgacgc	gcgggatcgt	cctcagggag	gacggtaaaag	gttgccactat	360
cgctgggtcc	ctacggtgca	acgatgtccc	ctgtcggggc	ggagtatacg	ggcctatatc	420
cggaagagat	gaattcagaa	gcgaagctgc	gcgagtggca	tgcgcgacgg	ctgtgcgtgt	480
tcgtggacga	gacgggggtcg	tgggacaaat	ttgaatacat	tgcgtttgag	acggtcagga	540
gggcggatga	agtgaaggcc	atccgtgggg	ctatgtcgat	gtgctggcag	acatgtatca	600
gggtcaaggg	cccgattncg	agagaaccaa	ttggcatggg	gaagagccat	ggtaggatctg	660
gtgggtcttt	ccgatgaaga	ggtgatgagg	agattgacgg	cgtggtaacct	tgcactgttg	720
ccacaggag	ggagaacggg	cgtaatcttc	cggcgctggg	gatcggggga	ttgccccgat	780
gg						782

<210> 5371

<211> 868

<212> DNA

<213> *Aspergillus oryzae*

<400> 5371

aggaattttt	tttttttttt	tttcccaaga	gaaactaaat	tccggagcgc	tgcatatctc	60
aaaactagcg	aggggtcgaga	cattcgagca	tttcaaaaaa	ccttacaaat	atcaagtcgc	120
cagcgcatct	acattctacc	caaagaatct	ccatgggtgat	atgcccacag	ccatcggtgg	180
caggagcgca	atcaatgtag	cgaagacctt	agtaacattg	aagggtgaac	aagggtgcacg	240
gcatttcaac	tgtttttctc	ttcattagat	agtagaacca	gggagctccg	accaagcacc	300
ctctggaagt	tgatttagat	atgtaggctg	tctggccgggt	gacaagtgcg	gttctcgact	360
tatgatcaca	gcattccgaca	gacgcaggga	cttcagtcct	cccgtatatc	aaacaggtea	420
gatcgattca	tcccagtgcc	ggcccacaca	agcatccatg	ccaargccaa	atcccattcg	480
acagtcgaat	tatgcttcgg	caaccgtcct	ccgagccac	ctctccctac	ttcaaatcat	540
tgaagggtatt	tacagagcct	tcttcttctc	gcctctggag	acatcaacga	ccttgagggc	600
tgggggcaag	ctctgcttga	gcttgctcgg	cttgctggag	tccttcaggg	caagggtgta	660
gacgaagcgc	tggcagcgga	ccttgaactt	gacctgctgg	gtcttgccgt	tgcgcttgat	720

gcgggcagag	gaggcatcct	tgcggcgga	gatctcaatg	aactgcttga	tgtcggagat	780
ttcacgaggg	atgggtgggg	gtgattgggg	acgtaagtcg	ggatgggtcg	gcaaaaagtc	840
gggacgagtg	aaggacaatc	gcgatctc				868

<210> 5372
 <211> 692
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5372						
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agggaaatgt	tgggtggtgg	acatttgcca	tgccaccgag	caggatgtcg	acattgtatc	180
tcaggcactg	tctatccacc	ctctgacggc	ggaagatata	accatgcgtg	agccaagaga	240
gaaggtcgag	gtcttttcgaa	actactatct	aattctcggtt	cagacttttg	tgacctttgc	300
agatgaaagg	gaagagaagg	gaaagacccg	gtctccggca	agcattttct	ggccaccccc	360
ttctcttgcg	gggtgtttaca	tcctcgtctt	caagaatggg	gcagtgaact	tctctcttag	420
tggaaatgga	cacatacgtc	gagtcagaga	togaatccgc	cgtctccctg	atccatccat	480
cttgtcaagt	gattgggtct	gttatgccct	gatagacgat	atcatcgaca	gctttgaacc	540
gtacatgccg	gccggggaac	gtgagtctga	atccatcgaa	gatcaagtct	tcatcgctcg	600
tgtagacgac	gtcaaatacc	tcataccctg	tgcgccgaaa	tctcggaaaa	agatcaccta	660
ttttatttct	cgtctcttgac	cgggaagggg	gc			692

<210> 5373
 <211> 637
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(637)
 <223> n = A,T,C or G

<400> 5373						
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caatcctatg	gaggatgtca	atataaaaaga	accatggatt	ccagcaccag	gaacatcttt	120
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ctggcaatgc	tattgctggg	cgcctttccg	agaacccccg	cgttcgtgtt	ctcgtcgtcg	360
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actactttac	ctggatcccc	ggatctaagg	ccacttttga	tgacttggtac	gagttcngtg	600
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<210> 5374
 <211> 1993
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1993)
 <223> n = A,T,C or G

<400> 5374						
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tggttagacgt	cactcttggt	gccatcatg	agaggcatcc	tgggccttcc	cctgctgcca	180

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gtttccgctg	aaacggctgc	tgtcctcacc	acctgggtgc	aggacatcca	cgattc gatg	360
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tgctgttggt	gcatagatgc	aagacaagac	ttgatattaga	gtgacgtaac	tagtttcggt	1680
tatggcaggg	tatgggaatt	ggctaaccga	acactggcgc	tggatattgt	ttttgctgct	1740
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ggttttacctg	gtcttttcatt	attattatag	catacatgtc	cacaacaatc	tttgacatcc	1860
tatctagaga	tacatgtgct	tgtttttaac	agactgccaa	atcaattatg	cgactgttct	1920
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<210> 5375

<211> 653

<212> DNA

<213> *Aspergillus oryzae*

<400> 5375

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ataacttctt	gtgatcagct	acgtttccat	tccattggca	cccgcccaac	taaacctcgc	180
ataccctggc	ttccccctaa	ttcgctcctta	atatgtcggc	cgatcaagag	tttgaataca	240
aaaagtggct	ctccacgagc	tgccatccta	ttatagatgg	catggatact	gcgtacggct	300
atcagcgcgc	gctgggtgca	ggcgctcgtc	tccctgttct	ctttgggtctc	tcgatgatcg	360
ttcacacaa	ccagtttacc	tggaaaagaa	cctgggtggtg	tgtgtctctc	agtattgggt	420
gtctgacgga	ggtcctaggg	tgggcgggac	gtacctggtc	ctcagaatgt	ccctacaaca	480
tgacagcctt	cctgatgcaa	atctccaccc	taatcattgc	tcccacattc	ttcacagcag	540
gcattctacgt	cctcctcggc	cgtttctatcg	caatacttgg	ccggcgactc	ctccatcctc	600
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<210> 5375

<211> 640

<212> DNA

<213> *Aspergillus oryzae*

<400> 5375

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atccgaaccc	atcgaccccc	caccagccta	cgatgcaaca	gacaacaagc	caccagcagc	180
cacacccctc	ccccgccccc	caccgctctc	cctccccggtg	ctcaacgagc	tcgcgagcaa	240

gcgagtcac	ctcgccctcc	aatccccacg	cgcagacaa	atcatgtccc	acctcggcct	300
gcctaata	gagatcatcc	cgtccaacgc	agaagaggat	ttccctaaga	caatggagcc	360
atgtgagta	gtgcttgcca	cggctacgaa	gaaggcgcaa	gcggtctacg	aacaggagat	420
catgaatgag	gagaagggcg	agccggcgct	gattctctcg	gcggacacca	tcgtcgtgga	480
ttcggctact	gggacgattc	ttgagaagcc	gcgctccgag	gcgcagcacc	ttgccatggt	540
gaagtgcgta	cgggataacc	gtgaccataa	ggtggtttacg	gccatggcgg	ctatggcgcc	600
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<210> 5377

<211> 656

<212> DNA

<213> *Aspergillus oryzae*

<400> 5377

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tcttctcttt	cttcttttcca	ttcagcttcca	tccaggggag	agttatccaa	atattggtcaa	180
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ggaccgcgac	cgtccacgag	acaaagatcg	tagacgcgcg	gaccgcagcc	gggaccgacg	360
tcgtgacgcc	gatggagatg	aagacatgaa	gagtcgcgag	agcgaacatg	gcagtgtctaa	420
cgggaggtcat	agaagcagaa	agaggagcag	gagccgcgag	agtgatcgcc	gtcgatctcg	480
acgtgaacgc	tacggtgatg	actaacgggtc	tggcgggtgac	tattttacggc	ggcggcgggc	540
ggggcgcgac	tcgattctga	tctctaatg	atgaccgcta	ttaccggcct	tcaggtcttg	600
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<210> 5378

<211> 403

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(403)

<223> n = A,T,C or G

<400> 5378

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gccttcacat	ttgggcgcga	gattcgcgct	aatgcagtct	tgccgggtct	acttctgacg	360
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<210> 5379

<211> 674

<212> DNA

<213> *Aspergillus oryzae*

<400> 5379

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ctgsgtggat	gttgtcgatt	tctctctttg	aaagcttgac	cttcaaggna	tcaggcatag	180
ccttgatgtg	ttcaacagtg	ttgaactcga	cgatggggaa	cacaaatglg	gactgggtgga	240
acaaatatgc	caagggttga	ttggcggttg	tccttttccg	tcaggcaatct	ttcccaatcc	300
cttaacttggc	ttgagggcaa	taatagacac	agatctctcat	ggggcatctg	ggctgggattt	360
cctctctctt	cgtttgctga	actgaaggca	acacgccacg	gcccaatgac	caataaaaaa	420
aatctctcat	gtttgatacc	tcgcacatgg	ggataacata	ccctctatgt	cgcggaagge	480
ttgttttccaa	ttgcctggga	aaaaaaaaag	aggtcaagcc	ctgattttat	ggcgttatta	540

aggttagtgg	tcttgctcct	cccaagggga	aaaaagggaa	aaaaacctta	cggcgttggc	600
cttgaaaaaa	taccaacagg	gtttttttct	ttcccgggga	tattttaacc	cccccttgat	660
aaacaaatgt	tatt					674

<210> 5380
 <211> 651
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(651)
 <223> n = A,T,C or G

<400> 5380						
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ccggcctcgg	tccccaaggc	gcctttgtcg	gcttttcgga	cgtgggtccac	gcggggcata	300
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ggcagacgga	caagggatcc	cgtcccacag	ggaaataaca	gggaaaggag	acggttgaag	540
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<210> 5381
 <211> 662
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(662)
 <223> n = A,T,C or G

<400> 5381						
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cgaaccgcgt	cgcgtcggac	tcttggttga	ctgtctttac	tcgcaattcg	tcaatgagtg	180
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agacaccgag	acggcgcgta	ttccattccc	tggtgaagga	ttgtgggtgc	attgccccat	300
tgaagtcagg	gttacggatt	caacacataa	caagaatcct	cggcctttcc	ttgaccctag	360
tcatacgcac	ggcccaacat	tatatctcaa	tgcaactcta	tatcgnacct	atctccgggg	420
accnccctgt	aaggacaggt	actatgaggc	gttttgagtg	gctaattcgt	gaaatgggcg	480
cgaaaaccaca	ctggggcgaag	aacttcaaag	tcacanggac	gcacgagctg	caagggtat	540
atgggaanga	catggatgaa	tggntaaagt	gcgtcaanga	ggttgaccgc	atggcatgtc	600
ctccggcaat	gcaatctctt	aacctcgcct	tacaggtggc	anaatgatga	acaatgtcaa	660
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<210> 5382
 <211> 118
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5382						
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<210> 5383
 <211> 552
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(552)
 <223> n = A,T,C or G

<400> 5383
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 tagcctcccc caaaccagcg cttgagctga ggcaaaaacc cgaaccgaga tcctacatac 180
 ataattcggg gccctatata cgatatcaat aactaacacg gttgaaatct gatagtctcc 240
 ctctcccccg gaaactccct cctccgcgca acacaccccc gatcaagacg caaaagcgcg 300
 gagaacaat cctccctaac ttgttgggt tgcgggtctc ggtgcacaat qggaagaact 360
 accaggatgt ttgatcact gaggagatgg tgggacggaa gcttgggtgaa tatgttgcg 420
 cccggaagag gtttacgtat aagcagtcga agaacaaata gttaattggc ttggggctgt 480
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 cggggaggat tt 552

<210> 5384
 <211> 698
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5384
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 gtcccgcatg aactccatga gatagtccag acgcttgcta gaaatggacg ctccacaacg 180
 gctattctct ctcgagctca ttccacaccc tcagatcagt tgaaacctgt cctcgacgag 240
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 aagcacccgt tctacaaata taacggcgtg tggactcgtg aactgcagaa tctgggtgctg 360
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 tcgttcttga ctattgagga ggtcgggaag tttcttgata tccccgtcaa tcttaaggaa 480
 caagatgcgt tccatcttac gattgaagaa tatctgctcg ctctgatttc tatggctcag 540
 gaactgtctc gtcttgcgtg caactcggtc actcttggtg attacgcacg gccggtccag 600
 attggcagtt tcatcaagga tttgtttgcc gggttccagc tcttgaacct gaagaacgat 660
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<210> 5385
 <211> 525
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(525)
 <223> n = A,T,C or G

<400> 5385
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 acttgcttga ttctacgac gaaaccaaga tccactcaca acccggtgtg cgatgggac 180
 tgrtcccttg tcccaagcag gagggccgac taaggaggtt ggtggacttt ttgggaaatg 240
 tccagaacat tgaggttgag aataccaccg cgactgaccc gggatctcta aaggaagacc 300
 ttattgagat tgcgcgactg gttgagaaat ggcgtgcacg cgatcgagaa tacttggtca 360
 gtcaaaacga ctctgcgtt cgcgaggtta atgacaactc cggattgcaa gtttctttat 420
 cactcactc ggcgaggaag aattttgagc ctgccaaaaa tgtcccaang aagcttcttg 480

gngaaaagcg actaagtcga gctttttgtt ttqgggatct ggcgn

525

<210> 5386

<211> 647

<212> DNA

<213> *Aspergillus oryzae*

<400> 5386

caatccctgc	tctcttattc	ttagctctca	gataaagatc	tttctctata	cacatagcca	60
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tccccatgtg	cgaagaatat	gaatgcatga	tctcaggaat	gatgtacaac	cccaacatac	180
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acaccaagac	agtgccttac	gaccagatcg	cagacaagcg	tatgggacga	ttacggggcac	300
tcgctccgcg	agtaggagat	ggggacctca	togaaccccc	ttttagaccc	gactatgggt	360
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gtctagtccg	taacggggac	cgggtacaga	tgggcacgaa	tgtgagcata	tcaacggcgg	480
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gggggatgat	ggcgggttgg	ggccaatgtt	gggaattttg	ccgggtgtgc	gcattgggaa	600
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<210> 5387

<211> 638

<212> DNA

<213> *Aspergillus oryzae*

<400> 5387

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catctccgag	gcggggggcc	accacgcccc	tctttccgcc	ctcgcttatg	tgaccgatag	180
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actcaaggca	gcccctaaacg	cactgaagaa	cccatccgac	ttggatgacg	acgaaatctc	300
gcagcatttc	aaggagttag	aggaagaaga	agccgcagaa	ttgcgcgcgc	ggctggaggg	360
cgccttcagt	aaagctgagg	accogaagaa	caaacacaa	cataaagagg	tcggcatgat	420
ggtcagtcct	gattcattcg	tttacttcca	caatccttgg	gcgtttccgc	cagacgagtg	480
gatggtcacg	gagatggaga	gcccttgggc	tggcgaggga	aggggtttgg	ttctccaaaa	540
catctggtct	aaagatggaa	cattaatcgc	cacgtgcaca	caagaagggtg	gtggaaggat	600
taaaaccagg	aagaaccttc	cttgggcccc	aatataaaa			638

<210> 5388

<211> 680

<212> DNA

<213> *Aspergillus oryzae*

<400> 5388

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cagccatage	ggtagctccg	gctctgggtc	cgccaacgac	tactacggcg	gcggcggaca	300
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ggctgatcac	gggttccctc	gtacaattgg	tggagcgatc	atgggttcca	tcggcgaggga	540
cgcctgaag	aagtacaagg	ggaagtagta	aaccggttct	tgtcacctca	cttttccacg	600
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<210> 5389

<211> 655

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(655)

<223> n = A,T,C or G

<400> 5389

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cgcctcgcct	ttcaacgtcc	ctgcgcgctc	ggctatggat	atgagccatg	ttaccgcaca	480
ctatgagcgc	caaaatnggg	agctggaaga	ggcctgtgtt	gcccggatgc	aagatggaaa	540
aggttgtctc	tatctatgat	tagacaaaat	tgatttcggt	ttcatgttcc	aagacgcccq	600
gagtaagcat	gacagggtca	aacattatgt	acatataaca	ggacagttca	atgtn	655

<210> 5390

<211> 1179

<212> DNA

<213> Aspergillus oryzae

<400> 5390

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cgcctctctt	tatctagaga	accggtcttc	tcttggttgc	acaaagtttg	aggaaataca	180
gaagaaaaaa	agtcccatca	caatggcttc	cttcaccaag	ctcatcgccg	ccggcctcct	240
cgcctccgcc	gcgtggccg	tcccccacgg	ccaccagcac	tcccatgtgc	acgtcacgaa	300
gcctcctcc	agcaagcgtg	gtgcgcctta	caacgacgcc	tcgaccgtcg	agaccctcag	360
cagcaacggc	gccatctcct	gggcctacga	ctggaacatg	atcgccctcc	gcagcctgcc	420
ctccggcgct	gagttcgtgc	ccatgctctg	gggcgcgaag	atgttcggcg	actggttcac	480
caccatccag	accgtgctca	gcagcgccag	cggctccagc	tacatcttgg	gcttcaacga	540
gcccgaacgc	agctcccaag	ccgccatgac	cccctccgaa	gccgcctcgt	cctactccac	600
ctacatcacg	ccctacagcg	gcaaggccaa	gctggtcacg	cccgcctgta	ccaacggcgg	660
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catgagcgtg	ctcgccgtgc	actggtaagg	cgcctctgcc	gacgaattca	agaccttcgt	780
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ccaatcctga	tgggcaaat	cccttccggt	aaatatttca	caatcaaaaa	aacantcaaa	1080
aaaatacggg	ttagaaaatt	aggcaaggaa	agggatcggt	gttacttttt	ttgggcccagg	1140
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<210> 5391

<211> 681

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(681)

<223> n = A,T,C or G

<400> 5391

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ggggcacaaa	tctgtagacg	gatttccctt	tcttttcccc	tctcgtaact	ttattccctc	120

cqcccaagat	ttctcaatca	tctgttacta	caaccccgcc	gtacttgagt	tgatgacttg	180
acgagactga	cgaattttct	tctgtacttc	tacataaacc	catatccacg	tctttttcaa	240
gctctttctca	tatatctctt	tctttctggt	cttggacggg	tcccttcgtc	tccgtgcttg	300
gacatcagat	cattacataa	cggcgcgaca	gaattgaatt	gaattgaatg	aaatcactct	360
aataccaaga	aattgcaatt	aggcaacccc	aattgaaagc	tgaaatggcg	tcagacctca	420
caaaagtggg	ccctttgacc	tgccacggac	actctcgcc	tgtgcgcgat	atcgactttt	480
cttccacagt	agaagatgat	cagtactacc	tcataatccg	tttgcaggac	aacaacccca	540
tgcttcggga	tggtatcacc	ggtgattgga	ttggaccttc	ntcgcgcaca	aggtgcagtc	600
tggaagcca	gactcttcac	agatgccacc	atagcagcaa	cagctgcggc	cgattttcttc	660
gcaaaagtct	tggaacacca	c				681

<210> 5392

<211> 661

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(661)

<223> n = A,T,C or G

<400> 5392

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aaagattctg	tttccccgat	ctagtgcgtc	gaggggcttg	cctcaggcaa	aagcagttga	180
ttcattacct	cttcttgagg	ccatagttac	ggaaacgtta	cgcctccatg	ccccatttcc	240
tggaatacag	cctcgtgtca	cacettatcc	atcctgtacc	ttagctgggt	acagcgatat	300
ccctgcaaac	atcagagtta	atgcgcaggc	atactcgctc	catcgcaacc	ctgacgtata	360
tccggatcct	gagacgtggc	aacctaagcg	gtggcttaag	ggtgtcaact	cggattccga	420
ccttgaagaa	agaaggcggg	ggttctgggc	tttcggaagt	ggtggaagga	tgtgtgttgg	480
aagtaatctg	gctttgcagg	aaatcaaaact	agtaacggcg	gccatctaca	gcaactacag	540
gacgtccatc	gtagacgacg	acaacattga	accaatcgac	gcctatacgg	ttaagccccg	600
cggagataaa	ctggtgttng	aatttgaagc	cgcgntaatc	gtaaccacgt	ggtaactttc	660
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<210> 5393

<211> 650

<212> DNA

<213> *Aspergillus oryzae*

<400> 5393

cccatcaaca	ttttctcatt	ttccaactcc	taaaaccaca	tctatactaa	tcaagatgcc	60
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cgtcccccgc	agacctgctg	ctgtctccctc	ggcccagcac	tcccagcctc	actcgaccgc	180
tgctcaccac	cagtgcactt	cccagcaggc	ctatcctcac	cctccccccc	aggetgcccc	240
cgtccagcag	agcgcgggac	ccggcctggt	cggccagatg	gcctcgaccg	ctgctggtgt	300
cgcagtcggc	tctccatcgc	gccacgccat	cgggtggttc	ttcagcggcg	gttccagcgc	360
ccccgcgag	gccccacagg	cagctccgcg	cagggccccc	cccattggaca	ccggactgtg	420
gcagagcaac	accgtcaaca	gtctctatgg	caaccctgcc	tgcgagacgg	acgttcgcaa	480
cttccgccaa	tccatqqaac	agaaccaggg	caacctcagc	atttgccgat	ggtacctgga	540
ccagctttaa	gcttgccagg	ccgctgctaa	gccttactaa	agttaatgta	ttatgtttcg	600
cgttggggga	tatactaagg	atgggaattc	tgggttttga	accggttcat		660

<210> 5394

<211> 703

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (703)

<223> n = A,T,C or G

<400> 5394

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catgtggaag	ccaccggtga	acttcacac	cttgcaattat	acatacatca	ttctctgcag	180
tctattgggg	ataatcatac	tttatccctg	tggcaatttg	agagcgatcg	atgcattctt	240
tttcggagtc	agctctgcca	cagtatcagg	gcttaatgtt	gtcgatttaa	aagacctaaa	300
aacataccag	cagttatttt	tatatctcat	tcccaccatt	tgcaacatgt	gcttcaccaa	360
tatccttgtg	gtaatcgtgc	gactctattg	gtttgagaag	cgtttgagag	agacagctcc	420
cactgcattt	cgcccaagct	cacgttcagt	aacttccaag	gagtatgact	atgaccagga	480
ggcacaaccc	angaaaactga	atacaattcg	agtccgggag	ccggaacaga	ccgccggaga	540
gaagatcaat	gcggaaaacg	agcacttgge	agactcgagc	aaaagccaga	cagtgccaga	600
agaactaact	gaatcgaagc	ctncagatgg	ccccgacctt	gatgctattc	aactaactaa	660
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<210> 5395

<211> 1186

<212> DNA

<213> *Aspergillus oryzae*

<400> 5395

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ttcacatata	aattttaccgc	tttccctttt	tctttttctt	gttagcacct	ccgccttgag	180
acttctgctg	ctgagccacg	ggcgccaggcg	actcctctgc	cttttcgttg	acaatacctc	240
cctgcgtccg	ttcgggcgcc	cgttgcttgc	ctttccggcc	cttgggtcgg	taattagagc	300
ggtcacggag	gggcaaccag	cgttcgggat	ccggcgctct	gcttgcatca	taatccttgg	360
gaagacgtga	ctttcgcact	cgcttagttg	cacgaccttg	tttatcgcca	gatgttctct	420
tccttgccac	ggcgatggct	gcgcgagctg	ccgcggctgc	ggaggaagga	ggggatatgc	480
cagccgattc	aagtgcgttc	acgtcaacat	ccgagatcag	atcgctcgatt	ggagggagag	540
tgtcaacctg	ggactcgatc	ttggcatagt	ccagtgttgc	ctgagaagca	acgtaaccgg	600
cgatggcaaa	agaatcgctt	ctgtccttct	ggtaaagaga	cttgaacaag	tcaccggcgg	660
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aaggtggcgc	ctcgacatgt	tcctgccaat	aggctgcagc	tttagcgagt	tcggacatga	780
tctggacctc	ccggccttcg	agattataga	gagtcaagtg	aatgcgtaat	agtactgggt	840
tgaagcggac	ctccttatcc	tgttcggaga	tggagtcttc	gagtagctgg	agggatttct	900
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gcgctagtc	gatgtcggtc	ggccgccttt	caagtgcggg	taatatcgcc	ttcagggccg	1020
gcgtgccagc	tctgtcttcg	cgccaggagcc	acagctttgt	agaccgacag	caggtttatc	1080
taggtgacta	tcgaataata	ctcggggctg	caagagcgcg	ttcgactcta	accgatctac	1140
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<210> 5396

<211> 1188

<212> DNA

<213> *Aspergillus oryzae*

<400> 5396

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tgtggtgtga	ggacaacgtc	gtaccgggcc	atcaaaaatg	cccccgctcc	agcggattct	180
ccgggcagtg	atagcttctc	caacatcctc	ctcttctctt	tgcttctgct	catcccatgg	240
tatctggccc	gccaggtcgg	tgggtggttt	tacaccacca	tcttcttctc	aatcttcacc	300
actatcccta	ttttgatggc	tttctgggtc	gtcgcttcat	ccatctctcc	ccgcaagacc	360
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gaccgtgctg	cctaccgtgg	aaagagcaag	attcccatgg	aggttttcta	cgagaagta	480
ttcaacgggt	aggtagactt	caagggtgac	gccttggagt	gcctcgagtt	ccgccacgat	540
tgggccaact	tcgccttcac	catgggcctt	ttcaagcact	tactcttcgg	tttcatcccc	600

gagatgctga	tgcacacccg	ctcccaagat	gaagagcagg	tccgtgatca	ttatgaccga	660
ggtgatgatt	tctacgcttg	gttcttgggc	ccacgcacga	tctacacctt	cggtgttatt	720
agtgatcccc	atcggaaga	gaccctatag	gaactgcagg	acaacaagct	ggctgtgggt	780
tgtgagaaga	tttgccctgaa	gcccggagac	accgtccctt	atcttggctg	tggctgggggt	840
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ttaacccaga	ctgccatgag	gtaacaatgg	cctttgataa	ggccgtattg	atgaatccca	960
aaagcgaata	atgttctttg	aactacctga	cccttttcca	cttgaagggtg	gttctcaaaa	1020
ataatcttcc	tgaaatgggt	gatcaatttg	atgtagatta	cctatacaat	aattttatta	1080
tagagtttaa	tattgcccgc	acaaacaccg	ttgtttatct	cttcaaaaat	tgtggtcttc	1140
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<210> 5397

<211> 689

<212> DNA

<213> *Aspergillus oryzae*

<400> 5397

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cttgccgcgg	cccgcatacc	accagcgact	gctcccagca	catacgcact	tgaagactcg	120
tcaactcggc	caggggtggtg	aaggcgaagc	tcaacaacgc	gattttgcgcg	ccgaattgct	180
ccaagccgaa	gcccgtcatt	ttgcgaagaa	gaggggtatc	cccgtgaatg	aaccaactgt	240
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aaaagaggcg	ccgagttgaa	gcgagaactg	gaaagaatcg	gcaggggata	ccagtaccga	480
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cggaaccgcg	tcgctaagca	ctatgactcg	actataaccc	tcgcggatgc	catatgttca	600
ccatatgaca	ttgtgatgat	acgatgttga	gtatatcacg	attgcgatga	tcacattttg	660
acgctattta	cgatacgtca	cctttaacg				689

<210> 5398

<211> 692

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(692)

<223> n = A,T,C or G

<400> 5398

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ggaacaaaaac	gaaagtcata	ggcaagaaaa	acttcgacaa	agcctgggat	gcactcgaca	180
aactcggggc	accggttaac	cgactgacta	ataaaactcg	atcagaggcc	ttctggccta	240
tgacaataga	caaagaaagt	gagaagggtg	cccgaattct	ccatagcttc	tgtaaagatg	300
gcgtctatgt	cgaagaatcc	aaagaaaagta	cacctgtacc	cgaaacgaaa	ggaggaagac	360
aaccgatcga	taagccgcgc	ggaaaaccga	aagtgttgca	gaagattccg	tccgaagtta	420
tcaaacaggc	gaagggaactg	gctatcttta	ctgcgatgaq	aacggggcta	tggttcantg	480
gtgaggggcg	tgtgtgtgtt	ctcattacca	aaatgcctqa	aactggcgaa	tggagtgcgc	540
catcgggtat	cctgctgcac	acggctggll	ngggattttct	tgtcgggtga	gatatctang	600
aatgtgtgat	ggtgattaat	acgtatgagg	cattggaggc	gttcacgaaa	ggccccgtta	660
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<210> 5399

<211> 760

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

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gtcgccgtac ccacaagctc cagcacctga gtgaaatatc gacccgatgt ttcggcaatc      180
tgttgagaaa tggccccgtt atcgatccac acctcgcca ctccaaaatc ccgtaataac      240
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gccgctgccg ccaggcccac cgaggacgtt ccacgcgaa tcaacaatct atctttgggt      360
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cccagcacgt gccagggcag ctttgtcttc agtatctgta cctgctttgc cggtagacat      480
gtgtactctg cataccccc atcaaacgct cggcccatcc cgcccatggc tgtggccacg      540
gtggctccga gcggaatttt atcttccagt cctggggcgg catcgactat acccacggct      600
tcgatgccga gaattcgggg aaattgaacc gcagagccag agtgacctg acgggtgaac      660
atctctgagc tgttgagtcg gaattgcttg actttgated qgacttctcc aqaactgggt      720
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<210> 5400
 <211> 684
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5400
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tgccacatcg ctctcttgac tctcactca tcaactattc cgtataacgc cggaaattcc      180
gtgagtcgct agcaatcggt cacaacaagc cgtaatccgc ctgctccaac tcggcgctta      240
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atggctcctc gcaagccccg ctgcaacttc aaggaaatga aggaagcagc tcagcggatt      360
gtcggagact gcagcttctg caatgggcat tactgctcta aacaccgcct gctagaagcc      420
cactcctgca ctggcctgga ggaactgcaag aaggagtccc acgcccgcga cgcgcgataa      480
ctgaacacgc agcgtaccca tgtcatcaag ggcgtataga cgacgccctg gggtcctcga      540
ctttcactct cctttttgaa acttttctt cggttcttgc atcgccatca gcgaaaccgg      600
ttgatttagc gcgggggttc atttgattac atcatcgccc gtgcgggggt cgtccataac      660
ccgcgggggc cattatcttt tttt

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<210> 5401
 <211> 546
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(546)
 <223> n = A,T,C or G

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<400> 5401
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aatctataaa atcctgagcc gggtagaagg ccagctgctt caatcatggc ttccagcaga      180
gtaatgctgg gcttcttagg cctattcttc acggccggag ctctgctact gatgttctg      240
acctgctcgc gaggagcacg gaactcggtc ctttgaacg aaatctactt cctccaagtc      300
gacacaggca acattccagg tgcacctct gtatcccgat ggacattctg gaacatctgc      360
gtgtcggcgc acaatggqaa gagcgattgt ggaacatnat acctgactt cccctttagt      420
cccccgagcc accgcaactt cgacacaaca accaatatct ctggaggctt caatcggaca      480
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gttggtt

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<210> 5402
 <211> 684
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(684)
 <223> n = A,T,C or G

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catgctcaag actctactcg agatgtctga gaagaacgaa atcgaggttg gcaactcgca      180
tgccaatggg acttctactg ccgttgagat ctgacctcgt tgcaactttg agttatgaca      240
atgacctttt tcttctcctg catcccttcc atcgaaacgc agatgcacgc accattccac      300
gaacaagttg aaacgcgcac tgagacatga ataccggggc ttgtttgtcc cgtaccaccc      360
gctaataatc attgtcttct gttctccagt acagatcccg cgacagagta cttcaaatag      420
tttctgtcta gagacgaggg cctaagattt gcattacttg tagacatgag aaacaacatg      480
agacagagcg gtcggccctg atgaaacggt cattataatc gggtcctata cctaattggat      540
aggacctttt cctccaaagt gtatataatg tcatccgttc aagagtaccg ggcccctccc      600
tcccgtgtga tactctggac caattctgtg tgtaggctac cagatcaata gaacatatnc      660
acttgctggn tcaaaaaaaaa aaaa                                684
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<210> 5403
 <211> 928
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(928)
 <223> n = A,T,C or G

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cggcaaggag acggtctttg ccctcgccca agccgggtgta gaaggcgtca tcttgccga      180
tttgaacctc agtggcgtcg aattagtcgc tcaggagagc acaaaaaaat gggctactaa      240
ctctattttt cgcacgacag cagtccaggg ggacgtttct gacgaggctg ccgtaaacaa      300
catggttgat gtagcagtga aagagtttgg cagaattgac tactgtgtac atgcagcggg      360
gataggttagc atttccgggg cgacaactga gcatctcaag atcgacgtct atgatcagat      420
aatggcagtc aatgctcgag gcacaatgtt agtcttgcca gctgtctcgg cggatgatggc      480
taaacaggag cctcgcatgc accagagtgc ccgtcacggt acttcgcgta gtctcgggcg      540
tggtctctatt gttgtgggta gttctgtgaa tggnacatg gttgcgcccg ggatgttgtc      600
atatacagcg tccaagcatg ctgtagcagg catagccaaa acagcagcta ttgacaacat      660
caagaacctt atccgagtta atgtcgttgc ccccttttac accgaaaccc caatgttcga      720
agctagcttg aagcgagtcg ctgaactggg cgctgctatc aaagcaatca cccattgan      780
aagagctgca gccccgaag aagttgcaga tccgattgtg ttctgtgca gtccagcagc      840
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<210> 5404
 <211> 764
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(764)

<223> n = A,T,C or G

<400> 5404

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ttcctcgcga	gatgtctact	aggccatcac	aaccccaaca	ggatggccat	ttattcaagt	180
gtactataat	gccaccaata	gtcttcccg	cacgaacacc	atgaccgcga	tcttggttct	240
tacgctcacc	gcgagtacaa	tcacggaatt	ggccacggcc	tctcggcagc	tttggtcttt	300
tgccccgagat	ggcggtcttc	cattttccgg	gttttttgga	tacgttactc	cggggtggaa	360
cattccgctt	aatgcggtga	tggctctct	tatggtaaca	gttctcctgt	cgttgatcaa	420
catcggttcg	acaacagccc	tttttgctat	cgtcaccttg	acgatcgggt	cgcttatgtc	480
ttcatacgtt	attacgattg	ggtgcgtgct	gctcaagcgg	atccgtggcg	agccccctcc	540
acctcgccgg	tgggagcctg	ngtcgatttt	gaaatggcca	ttaacatcng	tgcccttggt	600
ttctttgggtc	ccgtngtngt	gtttcccttc	tttcccttga	cttgacagtc	gaccgagatt	660
caatgaactg	tgccctgggtga	tgtaccgtgc	aatataataa	ttgcatttta	taataaaaatt	720
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<210> 5405

<211> 743

<212> DNA

<213> *Aspergillus oryzae*

<400> 5405

cgttgagtcg	cagagaatat	acccaacgtc	ttgcatttca	acaccctcac	aatggcctca	60
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gcgaccagaa	atggcgccgg	cgtgtcgcag	gttgtggcct	tccatgcctc	cgcaagaag	180
cagatcctgc	ctcctctgcc	tcagaccatt	cagggaaacga	tgaacgaccc	tgctcccatc	240
cccacccctc	acccctcgga	gggaagctac	cactggacct	ttgaaagagc	catctccgcc	300
ggtcttgtcc	ctctcaccat	tgcccccttc	gctgtggct	ctcttaatcc	ggtcatggac	360
gcagtcctct	gctctttcat	cgtttctccac	tcccacattg	gattccaggc	tgccatcatt	420
gactacttcc	ccactcgccg	tgccccaaag	actgccacat	tttgcaactg	gctcctgcgc	480
gcattcactc	ttaccactgc	cgtcggtctg	tatgagttcg	agacgaacga	cgttggtgta	540
acagaggcct	tcaagagggt	gtggaaggca	tagatcgttg	cattgatata	tccctgtttc	600
tcattacttt	ctttttgaac	tttccctccg	ttcaggcggt	ttgcctatgt	acatgctgtt	660
tctgttaaag	taagccagtc	cagctgggtg	gcgctctggg	attgagctaa	aagaatgtaa	720
ctgttcgaat	gggatactgt	tga				743

<210> 5406

<211> 1590

<212> DNA

<213> *Aspergillus oryzae*

<400> 5406

ctcgcttgaa	cttgggtttt	ttgtccctcaa	gttcgttctc	tttttttagt	ctgactttcc	60
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acacettctt	gccttcgcgc	tgctcctcgc	tacgtccgag	gccgcctaca	agggcttcaa	180
ctacgggtgt	accaagtcgg	atggcagcgt	caagtctcag	tccgatttctg	aatcggagtt	240
ctccactgcg	aagaatcttg	ttggcacttc	gggcttcacc	agtgtctagat	tgtacaccat	300
gatccaagggt	ggcaactaca	actcccttat	ctccgcctatt	cccgtgcca	ttgccgaaaa	360
tactctcttg	ttgtctgggt	tttgcacctc	tqatqatqat	atggacaacg	agttggccgc	420
cttcaagtcg	gccatctccc	agtaacgyla	ctccttcgcc	aaattgglyg	tggttatttr	480
ggttggtagt	gaagatctct	accggtgcctc	gtccgagggt	gagaaggtea	atgcgggcct	540
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caccgccttg	agcagcgtcc	ccatcggtca	cgtcgacacc	tggaacgcnt	ggactaacgg	660
ctccaattcg	gcggtcattg	acgcgctcga	ctggttgggt	ttcgacgggt	atccttactt	720
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taagactaag	gaggtegeta	agggcaaggga	agttttggatc	acggaaaaccg	gctggccctt	840
cagcgggaagc	actcagaacc	tcggcgctgc	ttccctcgcg	aacgcgaaga	cctactggga	900
cgaggctcgga	tgccccctgt	tcgacgagac	caacacctgg	tggtacatcc	tccaagacgc	960
caacccccacc	actcctaate	ccagcttcgg	tgtggctcggc	agcactctga	gcaccacccc	1020

attgttcgac	ttgttettgct	ctaacagcac	tgcgccatct	gcttccgctt	ctagctccgc	1080
tgctggctcc	gcgactcccg	tgggtcttgc	tgttccctct	ggctccgctg	ctgtgaaccc	1140
ttcgtcgtcc	ggaatcgtgt	ctagtgtgt	tccctctact	acccctgggt	tcaccgtcgg	1200
caagggattc	cgctccgtcca	actcctccgc	tgctgectac	tactccagcg	cttctgctag	1260
cggctcggcc	taccctaaat	tcaccaagac	cgctagcggg	tctccgcta	cttccaccac	1320
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cgtctcgggc	tccgtcttcg	gtgctctggg	tgcagtcttt	gcattcgtgg	ctactttgta	1500
aagaaactca	cctatccatg	atcccaatcg	atagctagat	ttagaccatg	gccattcttt	1560
caagtacata	catttataaa	ataccctcgt				1590

<210> 5407

<211> 654

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(654)

<223> n = A,T,C or G

<400> 5407

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gattctgcaa	acgatgctat	cgacaaagaa	cacctggctt	cggcattcac	agagctagac	120
gaacgagtag	acgattggaa	gtcgcttaaa	atagaatcat	ttggtgacct	gcttcgcttc	180
ggcacattta	ccgttttgaa	gggagacaat	ggcaaggatt	cagaaagaga	gtaccacatc	240
taccttttcg	aacgtatcct	tctctgctgc	aaagatatca	atccgaacaa	gcagaaaacg	300
aaactgattg	tgggcaaaga	taaaccagct	actactgtga	aaggaaaacc	acggttgtag	360
cttaagggtc	gcattttacat	ggcaaacgta	acggatatag	cttgctatca	naagccaggt	420
tcttatcgta	tccaaatttt	ttggaaagggt	gacccnngcg	tagtggacaa	ccttatcata	480
cgtatcaaaa	atgaagatgc	catgcgcaaa	tgtatangga	cattggacac	cnacgagcaa	540
tttagccgaa	caacgcaacc	accggatacc	gttcatcgga	gacaaatcac	gtcatgaaga	600
acatggcaaa	attcccaaac	ggaccctgac	atgttgccgt	gaacaaccac	ttag	654

<210> 5408

<211> 711

<212> DNA

<213> *Aspergillus oryzae*

<400> 5408

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gaagcttgcc	ttcttgtctt	tggtcgcata	ctctgcgatt	gcgaccacgg	cccctgagca	120
ggtcgagtc	gagaccaaca	cggtagccga	ccagtcgat	tccctccaca	aggctcttca	180
cttgttcgag	aagttcagcc	atgggtgtct	ccgctccgac	gaagatgctg	cggacgctct	240
cactgccgag	gatagagagc	tggtccgcca	tctgaacctc	aagagggaca	acagctcttc	300
cgtgttagag	ccctcagcca	ctgctgcgga	accaaccacc	tcagcccaac	ccaccacggc	360
cacgcctact	caaaagacca	cgtcggaacc	cactaccagt	gagcagccca	caaccaccga	420
gaagccaaca	acctcggaga	aaaccaccga	aaagcccacc	accagtgagc	agcctaccac	480
caccgataag	ccaaccacct	cgcacaagac	cacttctgag	aagacccccg	agaagcccac	540
caaccacggc	ccaccacagg	ccattatcca	ccgacaagcc	aaccaccttc	cgaaaaaccc	600
ccctggggaca	gaccacggga	gaaccacaaca	ccagtcgcaa	tcacccacag	ggccccaccc	660
cattgcaacc	accccccccg	cccataagcc	acaaccccc	gaataaaca	c	711

<210> 5409

<211> 667

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(667)

<223> n = A,T,C or G

<400> 5409

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gcacgggaact	cgagctcgcg	accttgccca	cgaattcgaa	cggtatgtgc	cgctcgctga	180
ttgcctacac	gctaccatga	ccagacgaact	cgtttccatc	tcgcaatcta	cacctcggtt	240
gatectcgca	atgccgacgt	tggagcaaga	cctcccctag	tgtctgagc	tttgcttgtt	300
gcattactcg	tcgtctcctt	gatatacata	cattcccttg	gaagagtcac	tatggccccg	360
gcactttttg	tacctatcat	aaccgcgtta	tacacttttg	tctttgggtca	ttgagcaata	420
ttatcttagt	tgtctgttta	caccccaacta	gtcttggttc	taacctagct	ttagttacgg	480
gcgccttgct	cgggtgtgac	taccagcacc	acgtactcct	tcagcagac	tgtttgcttt	540
tgtggaatat	gagagccgcc	gtgatgcaga	tgatgcgtat	catgaaatgc	ataacaaacg	600
aattggacgg	gatgatttat	tgaanattga	atgggctcgc	actccaccat	ctgcttcttg	660
gaggttg						667

<210> 5410

<211> 680

<212> DNA

<213> *Aspergillus oryzae*

<400> 5410

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cacgccaaga	tgtcttttca	gaactttcaa	ttgttcggga	accaccaccc	agcggctgat	180
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cctaccagtg	gcccaattaca	gtgccctgcc	cctggcgagc	caacggccgc	tcccgttcat	300
cccgctcaag	aatgaaagac	cactctctgg	atgggtgagc	ttgagccctg	gatcgacgag	360
aacttcattc	gcgacctctg	gttccacatg	ggcgagcagg	tcaacglgaa	gatgatccgc	420
gacatgttat	ctgggtggag	caatgccggc	tactgctttg	tggacttttt	ctttcccgct	480
gctgccgata	aggtctctgc	gtgaaacgca	ctcccatctg	ccacaccatc	cggcttttta	540
actgaactgg	ccactggggg	ggggctgggt	gactgatccg	aaattaacgt	tgaccttgat	600
ttattctctt	cattgggtgaa	ttggggggccc	acgcgcaatt	atattttaac	gtagttcacg	660
ttatgatggc	cttttttttt					680

<210> 5411

<211> 682

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(682)

<223> n = A,T,C or G

<400> 5411

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catgcttcag	atcagtgctt	tcctcccgaa	gttaagctca	gaaqatqaaa	gagcaaaaaa	180
tacaagtctt	attctgagct	actcaactctt	tcctcaatct	gcaagcgact	attcttcggg	240
cgcacatcatt	tgggtccagg	attagcatat	acaagtacac	accatggagg	cgaccttttt	300
catctttctct	ttgcgcgagg	gaaatcagaa	atalagagac	gttacctcaa	cgtctactac	360
ctaaatacga	agaattcttg	gagggcgatc	tcctctctct	tcaatggcca	gcaccccttc	420
gaaatgtctt	tgttgtgaaa	aaggactcgc	tgccaacagt	aacggaatca	ctaattgaat	480
ttgcgaatca	tgtaacatct	anqtatccat	ctatcgccct	gatcttagag	ccgaagactg	540
ccgaagaagt	acattcaaaa	ttttcttttc	ctatctactc	agctccattg	agcaggctag	600
ctctcgcgct	acatagtaaa	ggcgacctta	cggttactct	tggcggngat	ggaactatct	660
tgcattgctc	ttccttatcc	gc				682

<210> 5412
 <211> 652
 <212> DNA
 <213> *Aspergillus oryzae*

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tgagactact tccagccagg cacctcaaat gtatacatcg gcacagctca atgggttttga 180
gacgtcatcg cccgtatcgg gctacccagg cggtgccccc ggttcggaaa accgcagctc 240
atcgcaacct cgatttggca acccttcaaa cgccaacttg actgccaatg gcaacgagaa 300
cgaggttcct caaccaaccg aatacccgta tggggcaaaag gcaatctatt cgtatgatgc 360
caaccagaa gacgccaatg agatcagctt taccaaacat gagatattgg aagtgtccga 420
tgttagcggc aggtgggtggc aggccaggaa atccaatgga gatacaggta ttgctccatc 480
gaattatttg atcttggtgt gatctggatg gagcttccct gtgtaacgct ttctttcttc 540
tttttttggg tttttcatgg tcttcgcccgt tttgttgcga gaaaaattat ctttgatacc 600
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<210> 5413
 <211> 1320
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1) ... (1320)
 <223> n = A,T,C or G

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cacgctgtca gcagctgtca ccatagtgac cggcccttga cccacatcaa caaaaaaggc 120
cgtccagttc ctcaatgcgc tcaactgtcg ggcctacgca agtcacggac aaccacacac 180
aagtgcgagt gtggtgacaa gaaaaagaac agccacaagc atgatttaga tccccaccac 240
gccaatgaca agcgggatca caagcaggac tcccgctcaa gatgtggctg cactcatgga 300
cagcgtgtga cctgtgcgct gaagaaggaa cccacactaa atactgtgcc ggaaactggt 360
cttcctccgc cccaacatac tattctgtcg gaaccaccca agaagcccca gttgacctca 420
accaagtcgg agagcacgct taagatattc cgagatggtc accacaaacc ggctcataaa 480
cacaatgaca tggctcaca gtgcgggtcg ccttacacga taccocggtc tcatacgatc 540
cattcgacct ccgagtgtgc tegtccgttc gtcgatcaga tgcccttgac tcaagcggcc 600
ttgatgaacg aaccatntgc gactcaacca ttttcggaac agcagcccac ccacggctct 660
cagcgtcgtg tcaagtcoga gcatgggtct cccgagagtg ccccgctcgt gtcaacggaa 720
gatggaccga cgacagtcac cccactcgac ctctcgtctt tcttcctca gcctcagccc 780
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ccacttatga ctagtgtgca gcctcttgac gtctcgtcct tctctacttt cccgaccacg 900
accacttcgc ccgtgaacac aatggcgctt caagatccat acaaggagca gtttttcacg 960
tcgcccggaca acgatatgac cttgggtcct actggattca atgcacccc tgctgactgg 1020
tcaagcttcc ctctgtactc ctcggtggtt cctgcgcgca ccagcacaca agctccctct 1080
tacgcgagct tcgactacaa ttccatgagc cagggactac cagctccgtc gtctccggc 1140
gatattttctg aagtggagga tttcgcacca ttctccggct tcggaaatgc aggcaatgac 1200
cttcaagatc tggccagtggt gactgaaggt tgggactctg accatttccg cataagttcc 1260
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<210> 5414
 <211> 658
 <212> DNA
 <213> *Aspergillus oryzae*

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cctcgaggag	ctcggcgaca	tccccaaagg	ggctctccgt	qaggggaacc	tcttcgtccg	180
caaatgcacc	acgcccgcaca	aacgcgattt	catcaggatc	agccagggtg	tccgcatggg	240
cttccttagc	acgggtgcca	ttggttactt	cattaaatta	atacacattc	ccgtcaacat	300
tatccttgtc	ggtggtgcat	aagctatgaa	caatattaat	cagcactcga	taacctaata	360
ccttaacttg	atgtggtgat	gggattctgc	atgggtttaa	tgggggagaa	tccgtccatg	420
cttgatccg	ataccggtta	ctcgtaaagc	gtggttacga	aatagagtga	tggtagatgg	480
aggtgcctaa	ctcatctttg	acttgatgac	atgccgtcag	tgcattgatg	aggtggattt	540
tgctggatga	aatattgtag	ccatgtcttt	gaggctgtat	acatagcgtt	tcctgattct	600
aataagcatc	caaagaggat	aacttgagag	aattggctaa	ttccgggggt	ttttcaat	658

<210> 5415

<211> 917

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (917)

<223> n = A,T,C or G

<400> 5415

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tctagcagcc	cgcagccggg	agatatgttg	aaaccaatgc	agaccggatc	caacaaccca	180
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ggtgatctcc	gtatacctgc	tcaacacacc	gcaccaggca	ccttcgtcaa	ctctgctggc	480
caaggtctcg	accgcctacg	cgccaaccag	accggcagca	acccattctt	cgcccaacaa	540
cggttcgtcc	cccagcaaac	agggttcgcc	cagcagcaaa	ccggcttcgc	gcagcctacg	600
aacaacccct	ggggtgcaca	gaaatcctac	cagcagcagc	ctcaggctgg	aggcagctcg	660
atagatctgt	gaaagacgaa	aatgttctac	cgtgatgtcc	gtggtataca	acttgacggg	720
tttgtagtgg	aagtggaata	cgataccagg	tcttttatct	tgtctttatc	gattatatct	780
ctacttttct	ctccttttat	tccctttgtt	ccgttgcgtc	gtcttttaca	cgaatgggtg	840
ggtgttatgc	tgcattgaa	ttagggttgc	ggaattgaca	tacagatttc	agtcacgtta	900
aaanaaanna	aannaaa					917

<210> 5416

<211> 653

<212> DNA

<213> *Aspergillus oryzae*

<400> 5416

gaagacgtta	cttgacgaca	ctatataatc	gtcaatacat	acgccttcaa	tcccatcctc	60
cctccaacga	gtcacaacct	accgggtgca	ttagcaaccg	ctcgatacat	tgacacatcg	120
catctcacgg	accgtgtagc	tagactggac	agtagctact	cgtgcttacg	gacataccgc	180
ccgtttaatt	tcattctactg	gcattctttat	ctttcttcac	attcgctatg	gatcactcct	240
gagatccctg	accctggggt	gccctcaacg	acttcgggtg	agctttctgc	atgggagcaa	300
ccgggggtgc	agtgtgggac	ggacacaagg	gattcaacaa	acagaccata	cggatagcgc	360
cggaacaggag	acctcaccgc	catadatgct	tgtglacgac	atcttggggg	caatcaccgg	420
gtacggggcg	gcaatacatc	ccatgcgact	atgaccacac	atggtctccc	ataatagacg	480
cctcaccata	accaaataag	ctacccgtea	caagcccaaa	tacaaacgat	gtcgagacag	540
ctcaccgaac	acctgacaca	tgcacatgac	ctcgggggtc	acacatttat	agccattttc	600
ggtctctctc	tcaactataa	actcaccgaca	gagccgcgcc	gcaccttaac	ccc	653

<210> 5417

<211> 713

<212> DNA

<213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(713)
 <223> n = A,T,C or G

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<400> 5417
tggacctaac catccccgatt ccatacaccac catgaacaat gccgctgtga tgetgcagca      60
cctcaagcag tactcggact ctcggaagtg gttcgaggct tcattgaccg tgtgcgagtc      120
tctctttggc aggcaatcca ttaacactgc aactatcttg ttccagctgg cacaggctct      180
tgctcttgac caagactcca agggagctgt tggcaagatg cgcgatgect acaacatctt      240
ccttagccag ctgggtctctg aagaccgcaa cactaaggaa gctgagacgt ggctggaaca      300
gctcaccagc aatgctgtct ctatcgccaa gcatgccaa gacatccagg ctgcgcgctt      360
ggcgcgtatc aatatgaaca cccggactct tggtaactaag gtccagcctc aagttggcca      420
gtccgcacct tcggcatccg gagccagttc tgccaacctc tcattggact cgcgaagcat      480
tgatgaattg ctgaagtcca tgaagggtgg tgacaccagc tcttcggcga ccaagcagaa      540
gaagcgtgct gcagctagca accccaagct tctgtggctcg aagaagtcac cagcttqaac      600
atatccataa nttctatcat gtttggtaan aaaaatgcac cggcccttc ttgactttta      660
acttctatgc ctttactggg taagacacac tttttttgaa ccatttttaa aaa      713
```

<210> 5418
 <211> 664
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(664)
 <223> n = A,T,C or G

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<400> 5418
cgatgctatt ggacacactg ttcagatagc gtccgtcgta tttggcttgg aaaatgacgg      60
ccgaaacggg atttgtcccc actgtgttct ctcttcgctc agagagtgtc tactcgtggg      120
tatgggctgt gagtgtctggg cttgtggcga tatttgtgct ctatcttaca caaggtattg      180
ctcgtcgcag attcgccctac gtcctatggc gtcaagcacc accacggtat gccacccggg      240
acccgattct ggggctggac tctttgcgag actccatgca ggcgaggaaa tccgacaggt      300
atthttgcag agagcagcaa ctacaccaag cctatggcaa tacgttcatg tgcgtgcttt      360
tagggagctg gatggtgaat acgattgagc caaagaacct ggaggttctc ttctctacca      420
agttttgccg ttacgaggtt ggattccggc gtcggaatgc ctttgccctt ttgtttggca      480
agagtatctt tcaaagtgat ggaactcggt ggcaaacatt acgatcacag ctacaattat      540
gtttctcgcg agtgcaaac tgcagtttag ggcttctgga gagccactgt cagcatgcct      600
gatctggggc tatatagcgc cncgaaatcc cataagggga ttatagcgta tttgtacccc      660
aagg
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<210> 5419
 <211> 1178
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5419
caacattggg tctagaacgg gtacctcaag cccaagccgt aatcagtgagt ctcaaaagacc      60
tcatacaagg aaccgctctc ttogagaccc tcaccgaagc ttccggcccc tctctcttag      120
gcataatcgt ggtaaaagac cttagacccc aattccaacg tctacgaccc caagtcctct      180
ccaacgcctc ctatctcgca gccctcccca acgacgaact agaattccct accagtcctt      240
ggcgaataata cctcgttagg tggctcctgc gcaaaagaaac cctgcgatcc ggccacttcg      300
acacccctcaa gggctcctac taagtcacact ggcgattctc caaagacccc aacctacaag      360
ggcgcctcgc cgacaaacta cccgatctat ccgagtacac agccccgaat atctggccgc      420
cggcggaccc attgcctacg ttccggcccc cgttggaaga gctctgtaag cttgttattg      480
atactgcggc attggtggcg acggcgtgtg atcggtatgc gacggaaaat attgaggggt      540
ataaagtggt gtacttggag catgttgtta ggaccgaagt tgacgacgaa ggcgaggttg      600
```

ttgcattatt	ttcctgccga	ggctgggggtg	ggagagagag	atggggagggg	agagggagag	660
ggggatgatg	attggtgtgc	gacgcatttg	gatcatgggt	gtttgacggg	tttgacttct	720
gctatgtttg	tcgatgaggt	tgctagtcct	cctgggcagg	gaggcgagct	tggtgagttg	780
ggggcttcgc	cggatccgaa	ggctggggctt	tatattcagt	cgaggactgg	gaagggtggtt	840
aaggtaata	ttcctcggga	ttgtttggct	tttcagaccg	gggaggcggt	gcagcttatt	900
acgagagggg	agtttatggc	tgtgccgcct	tttgtgaagg	gcgcgaagcc	ttttgcgggc	960
aagaggattg	cgaggaatac	gttgcccggtg	tttacacagc	cgaatttggg	agaggagggg	1020
gatagtggga	aaagttttgc	ggatttttgcg	aggggaagtgg	tggccaagac	ttattatggg	1080
gggcgtggag	atgaaatgtt	tattatcatg	aatggtatgt	atattagctt	tgagtttcac	1140
atattaaagg	ttgcttttgg	acccgttgaa	gttggggtc			1178

<210> 5420

<211> 678

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (678)

<223> n = A,T,C or G

<400> 5420

gcagcgcggc	ccccctgagg	atggaatccc	ttccaagacc	aagggtcatgg	ttgccaacct	60
tccttatgat	ctgagtgagg	acaagctcaa	ggagatcttc	gccgcctact	cgcccgtttc	120
tgctaagatc	gctctgcgtc	ccattccccg	ctttatgata	aagaagctcc	agggccgcaa	180
cgagcgcgcg	aagggccgtg	gcttttgctt	cgttactctt	ggctctgagg	agctccagga	240
gaaggccgtg	aaggagatga	atggcaagga	gatcgagggt	cgtagagattg	ccgtcaagggt	300
cgccatcgac	agccccggca	aggaagacga	tgtctgtgcc	gctcccggca	ccgacgctga	360
gaagactgag	ccggcaaccg	aagctccggc	gcaggagaac	actgccccgg	ctactgctta	420
aatgacaagt	cgttctcaac	cagaacgaat	caatgatctc	gacataccca	ctgtatcgtc	480
gggatttggt	ggaggaagag	aaaagacctt	cgtgcggatg	ataacttcat	actctgccgt	540
cgagaagcgt	ttttacaaaa	gtcaaaaaaa	ggtaaaaaag	acaacgaggc	caactataaa	600
acgcaaaagc	tatgaaaata	ttatcccccg	tcgaagcggg	cataggggac	gaatttatca	660
tgaggatgag	gcatttcatt					678

<210> 5421

<211> 682

<212> DNA

<213> *Aspergillus oryzae*

<400> 5421

ggagatcgac	gatgagttgt	ttgacttggt	gaaacgcctc	ctcacgaagg	atccgggtgaa	60
gagaatcact	gtgaaagaga	tcaagcatca	tccttgggtc	ttggacgggc	tacccaatcc	120
cagagcgtgg	gtcgaggaga	ctgatccagg	gtatctgagt	aaaggtaaaa	ggattgaagt	180
gtctaattgag	gaggttacaa	cgcccggtgag	caaagtaccg	tttatacaac	gtgtgcgata	240
caatgttgcc	aagtgggtcc	actaccttac	cgggagggtc	aaagataaag	atactcgcaa	300
gcgtacttct	agtgcggctc	cctcagtcga	gtctttctcc	actttcagta	ccaacagtat	360
tggaaagtac	ctttgggaca	agcgtcgtgc	tagttctaa	gattgaagac	ttcttggggc	420
cacccggtta	agccaaggag	gtgaagcatc	cctttttacag	aagggtaacg	gaaagcccgg	480
ggytccggat	gaacaaaactt	gttatttcaa	ggaagccttg	aaqaatcacc	attatggttg	540
gaccggaccc	cacggcttga	ccacccgaaa	cgtgcggtat	tttcgttgtg	accgcgggaa	600
ttttgcaacc	attaaaggaa	cgaattacaa	ttcccaaccc	ggacccccaa	agaacggtac	660
cccccgctgg	ttggagaacc	ga				682

<210> 5422

<211> 769

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

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<400> 5422
gagatgggtcg atcgatccgc acgaggggac aaagccagag agactacggc ggagacaatg      60
aaggcgaaacg cgaaacctga cacttgccgg aatgggtgcc gatgtcgtgt catagagtgt      120
aagtatagcc atcctgatgc ggagccctgt cgggtatggg ctggttgac caattccaac      180
tgtcgatttc gccatccgaa atcgcgacta tgccgcaacg gagccggctg taggaagctg      240
ggatgtacat tcgcccaccc ggaggcacc cactgcccgt atggagtgg ctgcacgaat      300
actctctgct cgttcaagca cccagcgct cctgcttgct gggatgggtc caattgcatg      360
gtggacaaat gttaaattctt ccatcccga gtcaaacctt gccggtttgg aacacgggtc      420
accaacaaga actgtacttt tcgccatcca ccacccctt atacaaagga accgaccgg      480
tctgcgaaat cgatggatga caaagagtcc aagggaaccg aaagctcgga aaaggaagtt      540
cgcagaaaagc taaaagaaa cccaaagtga aaaagtcttc gggttatccg gaaaaggaaa      600
cgtccagttg actgatcact cacagtgcac ctctcagcct cgttgggtgc ggggtttgcag      660
caaatcacta tgtccagctt cctggagtgt gtattatgtg agatacgcct aattattctg      720
ctagtattnt gtccttgaat ggggtgggaaa tctctgaaca gtatccaan      769
```

<210> 5423
 <211> 648
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(648)
 <223> n = A,T,C or G

```
<400> 5423
ctcccccttc ctccatcatc ttgttttttt tctcttggac attctttcgt cttttaccct      60
cggctctttat tgtggaagag gctgtctaac atcccccttc ttcatcctaa cccattcttt      120
taagtctttt gttttctgtt ttctatctca taccgcgcaa aaaaaggacc gcataatgtc      180
ttacaacggg ggctatcagc gcgaccagcg cgactcctac cgctctagaa acggtgggtg      240
tggtgggatac tcgaatggct actccaacgg caacagcaac ggctactctg gtgggtggtag      300
tggtgggtggc tatggaggtg gctacggcgg tggtgggtac ggcggcggct atggcggtag      360
aggtgggtggc gccgggtggg gtgaccggat gtccaacctc ggcgctggct tgaagaagca      420
agaatgggat ctggattctc tacccaaatt tgagaagtct ttctacaagg agcaccgccg      480
tgtcgccaac cggctctcagc gcgatgttga tgagttccgt aagaagtttg agatgtctgt      540
gtaaggaaaa aacattcttc gcccgcgcga gaccttcgac gaggtctggg ttcccccaat      600
acgtgctgag cgagggttaag gctcaagggt tcgaacgccc taccgctn      648
```

<210> 5424
 <211> 839
 <212> DNA
 <213> *Aspergillus oryzae*

```
<400> 5424
ggcttattgc ggtggtaaac gaccagattg cttgcatcga tgacaacgat gaatcaggac      60
aactgqgcta cctgtcgaag ttcaagcgcg agttcgaggc actcgtcgac ccaaaatata      120
tggcagcgcg agctataccc gagctggagc ctcttcgcga cgggttacgt gatctaagta      180
cctattgtct tactcaatc gtccaagtgg tttttgcggt cgacttcgcg gctactatcc      240
cggatttctt cactcagaag tggtatggcg actttgcaat aaagcgaatc acttctacat      300
tcgaagatta catggccgat tactccccctg tcctccacc atcccttata gacatcttag      360
tcgaggaact ctccgacgaa ctcttgggtcc ggtacctgtc atctgtgcgc aatcgcgggc      420
tcaagtttgc ggcacacgct gatccatata cggacaagtt caaggacgac gttctcaccg      480
ttttcgccct cttccaaaac tatccggact cgttcgccag taccatcaag caaaagtggc      540
gactcgtcga ctgggttggt cgtctacttg aatcggagaa gggccctgcc gttgttgag      600
tctatgagga cttcaagatg gaatactggg atctgcaact gacgtgggtt gaggcagtg      660
ttatgacaag ggatgacttt gagagaagca tgatcagtcg tgtcaaggcc aaggcagccg      720
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agttgtccgt	aqaaagaggt	atggagactc	ttatgagccg	gatgaggtag	ttgaatgata	780
tctagggatg	aatgacagtg	aaaaataaat	tgtattataa	ataaaaaattc	tgctggccgc	839

<210> 5425
 <211> 694
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(694)
 <223> n = A,T,C or G

<400> 5425						
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aggtctctctc	ggtccaatgg	gattcacttc	gcctcagaac	aacgggttct	tgggcgcgta	120
tgaccggaat	aacctctctca	tgggcaatgg	actggggcgcg	cttggcattg	gacagtttgg	160
cctcggcgcc	catgaaggct	atctctccga	tcactcggag	gtcactcgcg	gccgctcgcc	240
acgaggccgt	cgtggtagct	cgaagccacc	agaggacccc	accgaccctg	ctttgttgaa	300
ggacattccc	agctggctga	ggtctctgcg	tttgcataag	tataccgaga	acctgaagga	360
tctgaaatgg	actgagctag	ttgagcttga	cgacaaagct	ctggaggagc	gtggcggttaa	420
tgctctcgcc	gctaggaaca	agatgctcaa	ggttttcgaa	caggtcgggg	aggccaagac	480
tgatggcaag	ctcgacaaca	ttctgtgacg	gaggacgtac	tggtcctctg	tctttgtttt	540
tccgatcggt	tatccttcta	acattctctc	cattgcatta	atttgatttg	attagatnga	600
gattgggcat	aagtggcacg	atccgattat	atccatgagc	gaatcattgg	atgacccttg	660
gnggangaga	ngtgtgtaat	aatcgattcg	agac			694

<210> 5426
 <211> 644
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5426						
ggaaagcgct	ccaaaaccta	atcttgggat	gaagaaatga	cggatctatg	ttatcgaggc	60
ttgcgcgatg	tcggtactga	ctttatgatg	atcagcaaac	tatttccggg	gaggtccagg	120
cgccagatca	agttgaagtt	caacaatgaa	gagcgccgag	ccccgggacg	gattaaggac	180
acactacttg	gaccgcggga	agctgttgac	attacgacct	actcggagat	gaccaacacc	240
atctatgacg	atcccaggat	cattcaacaa	gaactagatg	aggagaagaa	acggattgag	300
gatcaacatg	ctaaagaaaa	gcaggctcaa	gaggagctga	ctaacaatcc	agatgggtgcc	360
gcagggtgcta	atcattctcc	agagcaaggc	actgcacctg	tcaagagcaa	acgcaatagc	420
aggaagcaag	ccgctaagaa	tacgagtggg	ggaaatgaag	aaattttggg	cactattgat	480
gactttccct	gaaatataat	gcttctcttg	attgatatga	tttagactgg	tggtggcctc	540
taatgtgata	ctgatgatag	gcgtttgcgg	cgtttccgat	atccctaate	cggtgttggt	600
atcacggtgg	ttggcggaaga	ggttcaattc	tactactggt	tgtg		644

<210> 5427
 <211> 665
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5427						
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taocgggtag	gtgtctctca	tgcgtttaat	caggtatctg	cccgatgatg	ataccgtgcc	120
ggacatgaga	aacttttgaa	ggaagcttcc	acgctagcgc	cccttgagag	actgcagacg	180
ctaactctac	taacaatggt	tgcaagtggg	tgggacgagc	caggttllacg	ggcggagagt	240
atacctctcc	aagggnaaat	agcagcggaa	ttggcggaat	gttcaagcga	tattttcgta	300
agcgagtgtg	tctcttggga	tgtgtgggtg	tggcgagagt	caatgaaaag	gacaattctg	360
aacatcattt	gcttcccttg	aataatgaac	gtgtctcatt	tgtcgtccac	catgttccctg	420
cctcccggtt	ttgacattga	gcttccgtac	tgggaagacc	tctggacctg	caacaccccg	480
gaaacgtggg	aacggctctt	cagtacagca	ccgcgaccgc	agtcttttac	ggctgccttc	540

cacaatctga	cgttattggc	cggttctatc	ctgcagaatg	aactaagcct	ggcccacctt	600
ggtttgatga	ttgcctaca	taaccatggt	aaattttgca	aaactttgga	gccttgcttc	660
cgat						665

<210> 5428
 <211> 707
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(707)
 <223> n = A,T,C or G

<400> 5428						
ctacactctg	ttatcaaggga	cctgattcgt	accaatttga	ccaccgatca	ttgtcgaccc	60
ttatccatag	aaactacagg	tttctcgttg	aaactccgnc	accatgcctt	tcactgcttc	120
tgatatctgc	aagatcctct	tgcgatcat	cctccctccc	ttgggtggtt	tccttgagcg	180
gggatgcggt	gctgatctcc	tcataaatat	ctgtttgacc	atcctgggtt	ggatccctgg	240
tatcattcac	gctctgtaca	tcataattcaa	gtactagaca	gctctctgca	tctctgtcgc	300
catgcccggt	ttggttcaca	tgcgccggtc	gaaaaactgc	atcgtttcgc	ggccaatagc	360
gtgagatacc	aaacttttaag	atcgaactcg	cgaccatgat	gctgtcagca	atgttcgcg	420
gtgctccggc	ccaagccacc	ctaattgcaac	cccactactt	ggcaaccacc	cgtgtatcca	480
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ttggattggt	ccgaactccc	tttgtttcca	tgttactcat	gttctgtttt	ttgtttcgct	600
tcggatgata	ccagctcatt	tgcgatactg	ggcttcgact	ttgctctatt	gtcagtgaga	660
ttagttntaa	tgattaatgg	caattgataa	gacccttgat	ctgtgaa		707

<210> 5429
 <211> 655
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5429						
caacctcacg	ccccctctgt	gtcttacatc	ccacctccgg	actcttgctg	ccgtctttta	60
tatcacagac	ttatcaagac	cccgccagga	atgtcctact	atccccctta	ctcgggagct	120
cccggtctatc	ccccgcagca	acaatatcaa	caatatccgc	cgtccaacta	cggcgcccc	180
cctcagccta	tgcataatca	acagtcgtcc	tacggcgggc	gttatcccgg	ccaggcctat	240
cgtcagcaac	aacctaacaa	cgcatacggg	tatggccaac	catctcctca	gccatacggc	300
tgcatacaca	acggttacaa	cagcccgcag	cagaattacg	gccctctcag	cggaggccat	360
atgtatcaac	aacaatctgc	ctaccagaac	tcctacaatc	aaggcgggcca	tggtattccg	420
gcgcgtctct	ccgatcaacc	ggctctcttc	ggccaaggcg	ctccccatga	atacgcctac	480
cgggactcag	catgcaccgg	cacgagaaag	gctttgctga	ttggtatcaa	ctacttcaat	540
cagaatgggc	agctgcgcgg	atgtattaac	gatgtcaaga	acatgtcgac	gtaactlycat	600
gagaactttg	gctacccctg	tgaaaatatg	gtgcttctga	cggaccacca	actag	655

<210> 5430
 <211> 659
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5430						
ggtcttttacc	catttcataa	atgaaggaca	atggccgact	caaggcctct	ngttcttctat	60
cggattaatt	ggccctgtgt	ttgcctttgc	cggtgccgat	gccgcagtc	atatggcaga	120
cgagatttcc	aacgcacctt	cttacgtccc	ctggctgtta	atgctcactg	tcttgatcaa	180
cggaaacctt	ggttttgcca	tgcttctgc	cctgctcttc	tgatccggcg	acattgatad	240
agccctcaat	gacccccacg	gactacctt	tgctgggtatt	ttcctacaag	caacagagtc	300
catcccaggc	acatgggcaa	gggtcttatt	atacatcgac	catacgcttg	tgccaaagtg	360
ggcatgctgg	cgtccatctc	gcgccaatg	tggtctcttc	cccggaaacc	ggaatccgtg	420
tgggcactctt	tggactcggg	ttacagcgcg	cacagataac	aaacatacac	cgttttttca	480

ccacaacatt	tcacttttct	aaacottata	acatggtggt	tgattacctt	taaaaatggg	540
ttcatgtgcc	atatgcccct	tttatataca	tgggggtggc	gggtgttcct	ttccgggggt	600
gcctggggat	ttttgaaaaa	caacggggccc	cgggtttaaa	aaaaaaaaaa	ccgggggggt	659

<210> 5431
 <211> 676
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5431						
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gtcaatcata	tgtggaccct	ttcagccctc	cagttgcata	agcatccgct	gacgtatgt	120
gacgtgatg	cgacactgga	actcaaagtc	aagacagtcc	gctattttga	ggcgattgaa	180
caatccggta	ctgatgcggg	tactcaaggc	ccgcctcttg	tttaccggcc	gaggacctat	240
gttctctgct	ctatgggggg	gagcaaaaac	aatcagcaac	ccaccccagc	gtcaacaccg	300
ccgaggggtc	ccaaggacct	gagaatcaat	actcagctca	accagacgtt	agatgacgag	360
gagttgacgc	ctgatagcat	gtcttcccca	atggtcgact	cagccatcag	tggactcqaac	420
tcgaccttga	aggggggatct	gatgttcgat	cgcctgggca	ctcgagttaa	ctctcactga	480
ccaaacacgg	cacggaccga	cggctctata	agacgtgcac	tgatggctgg	gcgaaagcgt	540
tgcgagctgg	tacgtctgct	tcgacaaaag	acgtgtgcca	taagtaaatt	tgccggtaaa	600
gcactatctt	gtctcatttt	gttggagtag	ggtacagttt	tttgatttga	tagcctggat	660
ggacctaccg	ggaaat					676

<210> 5432
 <211> 763
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 5432						
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ttggaaaate	gtctttttatg	ggcacactga	ccttatctgt	cttcgacatt	ggaagaggta	180
ccagcagact	tggtctttct	aagcatcggc	acgaaatttc	gtccgggata	actagctcag	240
ttgcacatga	actgatagga	tacgcccga	acgaactgtc	cgaggacacc	ctcgacgtag	300
tcaattatct	gtccggcaat	gttgacagct	gggacgatgt	gcattgcagcc	tcggcacagg	360
gacgcctagc	cttcgtctct	gacctcccag	gatcagttcg	ttatctaaag	tctacgcttc	420
ggggcctggg	cagctgggct	ccgcactatg	tggtgtctgt	tattccggca	aactgtgacg	480
atgagacatt	aaaggagtct	caaccggatt	ctgcggagca	aactactgat	atcaacttgg	540
ctttgtcgca	cctcgacctc	tgcaataagt	tagagatccc	tacaatagtg	gtcalcacta	600
agatggacct	tgcgtctcgc	gctaacctga	aacaaaatct	tactaaaagtc	ctatcggttc	660
tgaagcttct	cggcaaaagg	cggccatact	gcctgtacaa	tcangcagtt	ctgaggcttc	720
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<210> 5433
 <211> 654
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(654)
 <223> n = A,T,C or G

<400> 5433						
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gctgaggaga	gaaacgcatt	gtggaaggca	gcggtgcaga	ccctggcaaa	attccatcga	180
gtcgatccca	agtcagttgg	tctggaaact	ttcggaagc	cgctggggta	ctatgatcgg	240
cagatctcca	ccttctcaac	ggtgtccaaa	gcgcaggtc	aggcggtcga	cgttgagacc	300
aaggagccag	tgggggaact	tccgcacttt	atggagacgg	tgcgcttctt	ctcgaacaag	360
tctactcagc	cgaaggatcg	cggcacgcta	gtccatggcg	attacaagat	cgacaatatg	420
attttccata	agactgaacc	ccgcgtcatt	ggtatcctgg	actgggagat	ggctacgggtg	480
gggcatccac	tatccgactt	ctgcaacctc	acgagtcctg	actatctgga	tggcaccgac	540
cacacgaccg	accagttcca	acctggcccc	atacctgnat	tgcccaagcg	tgaggactgc	600
gtgcngtggg	atcgcgaggt	ggnnggatgg	gacccaaccc	cggaccttcc	ctgg	654

<210> 5434

<211> 1040

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1040)

<223> n = A,T,C or G

<400> 5434

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gatctgagcg	cttctatccg	actccagcat	accattcgag	aacgacacgc	aaactgatca	180
tcgctaagag	atggctgttc	catcggttcc	ttataagagg	aagggtggcg	ctctcgtaca	240
atgataagat	caatgaatat	cttgggtccc	tgagggcttc	acatccaggt	accgcacgtg	300
atatatgtcg	acatatcggt	ccttcaaatt	tgcctcttaa	gattctcata	gatgtcatca	360
ccagaagtct	tgactatttg	aagactccgg	tgtagggtgat	ctgcgccatt	tcacgacaaa	420
gaaggcatat	ccgctgggtac	agatcgaate	ccttcaacga	caacatgggg	gatcttggcc	480
accocgtcga	tatctcctcc	gtgcctttcg	cacaaagccc	catcatcatt	ttgggtgcgc	540
gaattattgg	ttgtgctgcc	gcaagacaac	ttctgcttaa	tgggttctcc	gtagtcttgg	600
tggccgaata	tctccccgga	gaccagagta	ttttctatgc	atctgcttgg	gccggagcag	660
catggcatgc	ggctgggggc	attagccctg	aataccgata	ctttcaagcg	atcacacatc	720
gccatctgct	aaagatggca	caggaagacc	ctgagtcagg	ggtctgtatt	gtggacacac	780
gcgagtatct	tgaagacccc	ccgactgaga	actctgcgat	ctgggggaag	actgtcgtat	840
cgaagtttgc	tgacctaaaa	cctggtgaat	atccccctaa	tttcgcttgc	gggtgggcat	900
acgataccct	cgtaaccgac	ccaacgcgcc	atatgcctta	cctgggaaag	canatcaagg	960
cgtcgggggg	tcagttcatt	cggaaaacggg	togaatctct	tcaggagctg	tacacaatgt	1020
ttcccgaatc	gagcatcttt					1040

<210> 5435

<211> 710

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 5435

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agacttgggc	taagaagcag	tctgtcctcg	ccttctaacc	tgcaacaatg	atgtaccccc	180
gacgaagaca	ttggrrggatg	acgtggcgct	catccgacag	acggacacagt	cgctcattga	240
cgatgggaag	tctgtttgtc	cgttcattgca	ctcctatggc	ggaattgttg	gcactgatgc	300
cctagacgga	ctggcgatca	aacgtctgat	ctacatgact	gctttttatac	ccctagtgg	360
caacagcctc	gcgggtatgt	tcggcggcga	attgcctcct	ttcataacaa	tcgatgatga	420
aaaqgggatg	ttgactgtcc	ctgacccagc	gacctttttt	ttcaacgacc	ttcccgcgtga	480

ggaagccgct	gcatgggcca	agaagctagt	gggccaccca	aaatccgccc	agttcgaccc	540
gatctcaaac	gagggctatc	gcagcatccc	cgccacatac	attgtgtgcg	aacaagatgc	600
tgccctcatt	cccatgggtc	aggagatgat	gatcggaaac	gtgcngaacg	tgggagtgga	660
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<210> 5436
 <211> 691
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(691)
 <223> n = A,T,C or G

<400> 5436						
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aacttcccttt	ctttgtttgt	cttcatacag	cattttattat	gctctgcaat	tccccctcat	120
ttcctcctct	tgtcttatcg	caatccacta	ccttatgcca	attctctttt	ctgctcctat	180
cttatctctt	tttccttate	ttttgagcta	agctgtcggg	ttgcgctccg	aatactttaa	240
acctcacatc	ttcctgtgct	ggttggcctc	gcaatcgcca	agatggggct	gaacgaggag	300
aaaaccacaa	agcttgaacc	ttccacctcg	ggtagggcg	gtagtattca	tgtcggggag	360
agcatgggga	ccctgcctcg	ccggcttggt	aaccgtcaaa	tccagctcat	cgccgctggt	420
ggctcgatcg	gcacggccct	gttcattagc	attggcggtg	gtctcgctaa	gggtggccct	480
ggcagcctgt	tcattgcta	caagctntat	tnctgcattc	tcggactggt	taataactcg	540
atcgctgaaa	tgaatacgta	tatgccgggg	tcagggaagct	ttatccgtct	tggtggctac	600
tgggtggacg	acgctccttg	attccttccc	gggttggaat	ttcttcttct	atgaaacttt	660
cctgaatcat	tttgagaaca	cggcacttca	g			691

<210> 5437
 <211> 1101
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5437						
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accgatattg	ctcatctaga	ggctcttgagc	tttgcgagagc	ttgcgagcaa	agaccagacc	120
gagttgaaca	agcttctcga	tgtctgtcgc	aaacaaggct	tcttctacct	ggatcttgtc	180
ggttccaatg	tgtctcatgg	gctccatcag	cgactgaaag	ccctctcttt	gatgaaagat	240
tggtttgacc	gtcccaatga	ggagaagatg	aagcttcaca	aggattcagt	gaccaatgga	300
tacaagcctc	ctggtacatt	gagcgggtgt	gtcaagcata	tgaaggacgg	atttgagaac	360
atcaagctac	cacgggacaa	cttcttgggg	actggcgact	ctcttccctga	agtattcaag	420
aatgacaaaq	aggtctttcg	cgacgatctg	gagatattcc	acggcgctac	attgactatt	480
ttgtcgtgtc	tgtctgatct	gctccagcca	cctgtgcgac	tcgaggatta	tcatacaggaa	540
aatatgtcct	cgcagtcac	catgatgtac	ttccgctacg	ccaagcagtg	cgcagacaag	600
tccagtgggtg	tgggtcacia	catgcacacc	gaccttgga	ctctgactct	cctttactgc	660
gagcaatggg	gtctccaggt	ctatgcgcag	gccaccaaca	gctggaaata	cgteccaaccg	720
cgaccagggc	tgtatgtcgt	gaatgtcggg	gatgcgttgc	ggttcttate	aggaaatgat	780
ttgttgagtg	cactgcaccg	cgtttgtccg	gttccaggcc	atgagagtga	gtatcgctac	840
tggagcgcct	aattcctcctg	tccaggaaac	gaaaccqaat	tccqtacgag	cgagaacact	900
gtagtctcctg	ccctgaactg	gcattgaccag	aaatacaacg	tgttcaagag	agcgcaggtg	960
gagcaggaaa	agaacacccat	tcttaccgggt	ggcatcggtg	ccttttaaaag	ggagacgtcc	1020
ggttggtgttg	tgataggtcg	cttagctata	gatcagtgcc	attgctgcgc	taagacctaa	1080
aaggttaacg	agaatttcca	c				1101

<210> 5438
 <211> 686
 <212> DNA
 <213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(686)

<223> n = A,T,C or G

<400> 5438

ttttcctcca	gttctgttta	tagtacatto	tttccatccg	aagacgatct	ctttcccttt	60
agagatacat	catattagag	aagtttccaa	gcccaccatg	gcccttccgt	cagcataccg	120
cgagaacctt	gaggcggcac	tagacctag	ccgccagaaa	ggtcaggctt	tcaagcttac	180
agcaccagct	gacgagcttg	gttgtgttga	cttcggctca	aataacaccc	tttcccttgg	240
tgggagcgca	gcaacacgag	aggagtttct	cagagagctt	gcgcgaaatc	ctaactttgc	300
tattgggacc	gggggcagcc	gtctcctagg	cggaaccact	cgatatattg	acgagctcga	360
acgagacttg	gcccactttt	ataatgcaga	cgagggcttg	attttgccct	ctggatatga	420
gggcaacggt	gctattcatg	cgacgctccc	gcagacggga	gatgccatta	ttcacgacgc	480
aaagattcat	gccagcacgc	gcgatggcat	gcgttctcca	aaagcacaca	tcatacgacc	540
atttgcgcac	aacgacccac	aatccttgta	cgacgttctc	gaagaagtca	agctattgga	600
gacagcanti	gcccgatggg	tcaataccgt	cttcgngacc	atngaaticqa	tctatagcat	660
ggacggngac	nngtgcgctc	gtggct				686

<210> 5439

<211> 852

<212> DNA

<213> *Aspergillus oryzae*

<400> 5439

cctggaaagg	gtaagctgta	cgctcgtggc	gacagcaaga	tcttccgctt	ccagaatgga	60
aagtccgagt	ccctcttcc	ccagcgcaag	aacccccgcc	gcctctcctg	gactgtcctc	120
taccgtcgcc	agcacaagaa	gggtatctct	gaagtcagta	ccgccaaagt	ttccccatgg	180
ttgaagttgt	ttctttgggt	ttccggaaagg	gtccgacatg	tggggacttg	agttgggtcc	240
ggtgatggaa	catggacatg	tcaactagca	cgatgcggaa	acatcgga	ggagccggga	300
tatatctgca	ggtgacgaag	cgttgggaca	ggatcagaaa	tgctgacggg	atatctttca	360
atgcatacag	gaagtcgcta	agaagcgta	ccgcctgtgc	gtcaagtccc	agcgtgctat	420
cgttgggtgt	tccctcgacg	tgatcaagga	gcgcgcgaac	cagcgccttg	aggcccgtgc	480
tgctgctcgc	cagcaggcca	tcaaggacgc	caaggagaag	aaggccgctt	ccgagaaggc	540
taagaaggcc	gagaaggcca	agaacgctgc	cgccggcaag	ggtaccgccc	agcgcattcc	600
gagcaagcag	ggtgctaagg	gctctgcccc	caaggggtgc	gccaagtctc	gttaaaccga	660
atagaagcgg	tttggtttgg	gctggggagt	atgaaggaat	tggggaggct	tctggagctg	720
gaatttgtgt	ttccttcaca	aaatttatgc	aataaatcgg	cgtatgtgct	atggtttctt	780
gcggacgaga	ttcccgcacg	gctctcagat	aggctctgtc	aatgtgcgcc	atgggtattta	840
cccagaaatg	gg					852

<210> 5440

<211> 675

<212> DNA

<213> *Aspergillus oryzae*

<400> 5440

gggagatcaa	ggctccaaga	gacagtggtc	tggtggggcc	ctcattctat	cgtgctccga	60
gcccgtgtac	agagcagata	ttagataata	cctctaggca	atggcatgct	cgtccaagct	120
ccggctcaga	gacccacggg	ccgaaaccaa	acccacacaa	cgaqcccgtc	gatgtgattg	180
acccgaggct	tgtgagcgcg	gpcgtggcat	cggaagcttt	caatagatat	gtgaaacata	240
tggcgcccca	tatcccgatg	gtagtctttc	ctcctggcac	caagatggca	gacatccgga	300
agarcaaaac	ggtgctttct	catgccatta	tgcctacagc	cgtggggcct	atccagcctg	360
gattacagat	ttcacttatt	gaagactttt	acagggtcat	tgccgaccga	gtcgttgtga	420
aaggcgaaaa	gtcactagat	ttaattcagg	gacttcttgt	gacctgcaac	tggtatatcc	480
cggcgganba	cttrgaagag	ctaaagtctc	accagttyac	tcataatggc	gtgaagttag	540
ctatggatat	cgggatgtac	cgtaggccga	tgcacaaaag	tgtcccatgg	accttggcca	600
aagaccttat	attgaaaaag	tgcacctctc	aggacctga	ttcggcggag	gctagacggg	660
catggttggg	tcgta					675

<210> 5441
 <211> 629
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(629)
 <223> n = A,T,C or G

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<400> 5441
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acaagaaaga aagactgatg tcaacactca gatagaccgc accaagcgga cacatgtatc      120
tgccaagact accgcagatg atgacaagggc aggttttgatt agcgacgagc aagctaacgt      180
tcaaaactgga gctgaaqacc gaaaagacaa gagtgaagac gacagcgata atgagtctga      240
tgattctgac tccgatgacg aggagaggga cgaqtttctt gtctcacacg aacttgctct      300
taaaactcat gagcgcgccg taadaactct cactgaggac ccatcaggct cgcgtttaat      360
cacagggtca acagattgta cgattaaact acatgatttc gcttcaatga ccccttcgac      420
ggtgcgcgcc ttcaagtccg ttgatcctac cgcgaagaaa cagtccgctt tgcangaggc      480
gcacgccgtg cattatgctg cgttcaatcc cctgtcgcca ggctatgtca tggtcgtttc      540
tgntacacc cagccgagaa tctcgatcg cgacggcgag accattactg aattcatgaa      600
aggagacatg tacttgagag atcttcata                                     629
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<210> 5442
 <211> 547
 <212> DNA
 <213> Aspergillus oryzae

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<400> 5442
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cccgggtagc tgcacctcca agggcgatgc cgcacatcgaa aagaacccaag gcagctttctc      120
ctccgcctgg ggcggtatct cttctgtcgg tctgggtctt ccaatcctgt ggacggagct      180
cagccgcggg aagggtctca cctctgtctc ggaggatacc aacaccaagc gggccctcca      240
agacattgta cgctgtgct gtgccaacac cgcggcacag gttggacttg agcgccagaa      300
aggtgatctc gtccccgggt ttgacgcgga catctgtgtc ttcgacgact ctgccgaatg      360
ggtcgtggag cctagcacca tgctcttccg gaacaagtgc tcgccgtacc agggtcgcac      420
cctgcgcggc atggtccgtg agacgtggct gcgcggcgag aaggtcttta gccgagacgg      480
cggcttcagc aagaagactt caaccggcca attgtggtag agaaaacggg ttggattctt      540
tcattg
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<210> 5443
 <211> 809
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(809)
 <223> n = A,T,C or G

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<400> 5443
cttacttgac tctcacgcta aaacggcact ggaganaaag caagtcttgc ctctaccaca      60
atgggggggg caaagaaaac cgtcaatatt ttccagctca aaaacctggg cgatcccaaa      120
caggtctaca actggagact atggtctgct gtcactctct tcgggctcat gggcgtgct      180
cggggtgtgg atgaaggctt gatctccggt gccttcaact ccaaggactt ccagagaacc      240
atccactacg attcgtaacg taaagtccag cagaccaaca tcaaggccaa tgtctcggcc      300
atggtccaga ttggtctctg cggcggtgct ctctttgctt tcttagtttg cgatcgcatc      360
ggcgtctctt gggtacccg tcagctctgt gtctgttgga tcgttggtat tgcctatctc      420
atgggagcta atggtaacct ggggtctatc tatgctgggc cgtttgttgc cggttggngt      480
gtongtcaqa cagttgtggt tggccctgtg tatcttgagc aaatcgncn cgcacagtc      540
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cgtggtctct	gtacctgtg	tgtcacaggc	ttttgctacc	tcggtatcgt	ncttgctact	600
tnnacactan	ntgctgcaag	tgaaccttga	gacacacaca	caagcgtttg	gaagtgccca	660
cccagttgca	caatatcttc	gcggccttat	ttttcctcct	ttctttaccc	agaccagtcc	720
cctngtttac	tggccaagaa	aggaaagttt	gaataggcct	ttgaggaata	tgtcgcgtgg	780
taaaacattt	tccggggcac	cccagatcc				809

<210> 5444
 <211> 672
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(672)
 <223> n = A,T,C or G

<400> 5444						
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cactcgtccc	aattgaccat	gcggctcgatc	ttttcggtcc	tgcaacgggc	cgcagcaacc	120
tcattggcagc	cgccaatcgc	cgcgctcgatt	cggggtcccc	ggatggcggt	caagctggat	180
tcgatttgcg	ccagatgtcg	tcgtcaacag	attcggtttt	atagcaagca	gttggcggat	240
gatccacgat	ggttgctggg	tgtggatcat	cctgcgcaaa	ttgttcgtac	tggtcgtaaa	300
catggaccag	gtttgattat	cttagctcta	atccctatta	tctcattcgc	gctcggcacc	360
tggcaaattc	agcgtctcga	ctggaagacc	aagctgatcg	caaaatatga	agaccgactc	420
gtcaaacctc	ctcttccgct	acctccacag	atcgatccgg	atgccatttn	cgaatntgat	480
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aggcccgcca	ac					672

<210> 5445
 <211> 685
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5445						
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gaagttgcgc	gatgcgggta	gcattgttcc	tccggagtcg	gattccagca	agctcctttt	180
tgagagtaag	gatgcggagg	gcaagagggg	tatccatgct	actcgggttcg	aggtcagttt	240
gcatgttatt	cattccaata	tggagagctt	cactaaggac	ccggtgagcg	atgagtggcc	300
ttcgttcaag	gagaagttca	atgtggacaa	taagaccact	gaaatcgctg	ccgatcttga	360
gaagtaccc	gagttgcggg	ctgccatgga	gaagctgggt	cctgagcagg	ttgattatgc	420
aagcttctgg	tgctggtact	atttcctccg	actcgtcatt	gayactgaag	agcagaagcg	480
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accctcgcag	tcttacgaac	accat				685

<210> 5446
 <211> 703
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(703)
 <223> n = A,T,C or G

<400> 5446

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aaccggctaa	accaagagga	ngaangaacng	tgtacgggag	atcacttcgt	gatttgtgtg	540
atggacatgg	taaatattgg	agaaagtcgg	gttctaccta	acagcgggca	agccgaatcc	600
acaattaaaa	tcccgaagctt	atTTTTTgga	aaccggtttc	cgggaaaaga	ccgtcgattc	660
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<210> 5447

<211> 732

<212> DNA

<213> *Aspergillus oryzae*

<400> 5447

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tctaaaacaa	gccattgtga	cgacagagct	gtccgaggcc	gagggttcgg	cgcttagagc	180
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<210> 5448

<211> 688

<212> DNA

<213> *Aspergillus oryzae*

<400> 5448

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attaacacca	ctgttcaaga	gcacaatgaa	tctcgaacta	ataaaacacc	cctccttcac	180
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tgatcggtgt	ggtaactcta	gcattgatcc	tactatlygt	gtcgtcgtct	tcactgctca	300
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catatgccac	aggcatacga	ccatacatac	caagaaggat	acaccatata	cacctagggg	480
cgagctcacc	tcggaaaaat	tggttggtatg	ccagagccga	gtgtctcaaa	caccatgaat	540
tctgggaggg	ccatcttttg	acggacgaaa	atgcagatag	cttcgttcga	gacaactatc	600
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<210> 5449

<211> 668

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

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<223> n = A,T,C or G

<400> 5449

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<210> 5450

<211> 681

<212> DNA

<213> *Aspergillus oryzae*

<400> 5450

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cccgcacaaat	ttttaattgg	gggggggggg	caaatttaaa	tttgaccatt	tatttggggc	660
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<210> 5451

<211> 635

<212> DNA

<213> *Aspergillus oryzae*

<400> 5451

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cgccttatgg	agcagcttgc	agatgatgca	aatgttgaacc	tacgtatggc	tctggatgcg	540
gacgcagccc	ccaaaagagga	cgtaagaat	cagaaaagaag	ccgagacaga	cttcgaggat	600
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<210> 5452

<211> 1132

<212> DNA

<213> *Aspergillus oryzae*

<400> 5452

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aaacaaattga	aactatgagt	ataataaata	ataaaataat	aagcattgaa	aatgaataat	1080
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<210> 5453

<211> 621

<212> DNA

<213> *Aspergillus oryzae*

<400> 5453

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<210> 5454

<211> 667

<212> DNA

<213> *Aspergillus oryzae*

<400> 5454

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aatttcagac	cagaactactg	gaatcgactc	gtcgcggtct	tcacaaacgg	tcaaaactgg	480
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caagtcggtt	ggcgtgggtga	gggtgtcccg	cgggaagtc	ggggctgggg	ccgtggagtc	600
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<210> 5455

<211> 998

<212> DNA

<213> *Aspergillus oryzae*

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<210> 5456

<211> 722

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

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<223> n = A,T,C or G

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gatcggaaaa tattccatt ggcgatcttt taggctgcca cattggactt tgggtggggt 660
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<210> 5457

<211> 1008

<212> DNA

<213> *Aspergillus oryzae*

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gatgaagagg cttttgtgcc tgtggcgaca tcttcgcgct ctgaggtgc ggctggggtt 480
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<210> 5458

<211> 551

<212> DNA

<213> *Aspergillus oryzae*

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<210> 5459

<211> 628

<212> DNA

<213> *Aspergillus oryzae*

<400> 5459

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<210> 5460

<211> 1691

<212> DNA

<213> *Aspergillus oryzae*

<400> 5460

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cgagaaggcc	atggacaaga	tctacaagat	cgacggtaac	ccccgtaggg	tcattggtat	960
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caacatcggc	atgaagagcg	agaagtggac	tcccatgatg	accagcgaca	acgcctggat	1080
tccccgtaac	gagatcatcc	agtcccacgc	caagatgggt	gccgagggtg	accagaagga	1140
ggcccttgcc	agcggtcagt	tccgtccctc	gggtccgcaag	gagatcgaag	agcactgcgc	1200
ccagttcgggt	ctcgatgctg	agcttgtttc	ccactcccggt	atgcgcgggtc	tctccgggtg	1260
tcagcgtgtc	aaggttgtcc	ttgcgcgctg	ctcttggcag	cgctcccaag	tcctcgtcct	1320
ggacgagccc	accaactacc	tggaccgtga	ctccctgggt	gccccttcca	aggttatcaa	1380
gaccttcgag	gggtggtggt	tcctcattac	tcactcccggt	gagttcactg	agaacctcac	1440
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tatgggcaac	aagattgaag	cccctaagaa	ggcaagaag	cttacttcaa	gtgagcagcg	1620
caagaagaag	aaggagcgta	tggctaggaa	gaagcgtgggt	gaggaagtct	tctctgatga	1680
ggatgatttc	t					1691

<210> 5461

<211> 636

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(636)

<223> n = A,T,C or G

<400> 5461

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gcgagaagtg	gcacccccgg	tagggacatc	ggaatcgggg	gttcctttgc	tagaagaaat	180
gggtggcatcg	gagcaccatc	cagcttgcag	tacaagatgc	ctgtggatga	cgaggcgaag	240
aatgcttttg	caagtctgca	gcccgggtgac	ttggtgcagc	tggccattga	tattccaaaag	300
gagacattcg	tccttgcctg	ggtagagaa	gggactgttc	ctagctccgt	cgagtcgcac	360
atctctctcat	cttccccacg	ttatacattt	tatcattatc	ccgacactga	cgtggtaatc	420
ttcgtctata	cttgcocgct	aggttcgtcg	atcaaggaac	gtatgctata	tgctagtctc	480
cggatgtacg	ccctccaaat	ggccgaggac	caaggcctga	agatttctaa	gaagatcgaa	540
gcctcttcgc	cagacgagat	cacaagcgac	aggctgcang	aagaagtgag	cccgnccaaa	600
aacgacggac	tcaaccgtgg	attcgcaaga	ccgaaa			636

<210> 5462

<211> 1149

<212> DNA

<213> *Aspergillus oryzae*

<400> 5462

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ccttgacgggt	tatattatct	cgtgaaaaaa	acacatccca	cagtcaaaat	gcgtttctct	180
gcbaccacca	ttgtctctct	cgcgcggcct	gctgccgcga	tccccaacgg	cgagggtccac	240
accgtctacc	agaccgagga	tgtgaccatc	acctcttgcg	ctcccaccgt	caccgactgc	300
cccggcgcgc	agacctccac	tcttgagggt	gttgagcctg	tcaccactgg	ccccgctgtc	360

actgagactc	ccattgctca	gacctctct	gctgaggttc	ctcctgttgc	cgagacctcc	420
tctgctgagg	tccccccgc	tgtccctacc	agcagctctc	ctgttatccc	tggagttccc	480
agcagcgggtg	ttccccctgt	tccctccage	agcagccccg	tcatccctca	gcctcctaag	540
cagcctagcc	agggcaccac	tgtcatcgct	gtgaccacct	gcacccccac	ggtcacctac	600
tcgaccatca	cggggcccgt	tggcaccccc	aaccgggtgc	tccccggca	agagctcttc	660
cgctcgctgtg	atcggtaccc	gtgcccctag	cggcagcgct	accccttctt	cctccggccc	720
cacctctctc	ttcacgggtg	ctgccaaac	cgctggccag	tccttcggcc	ttgccgggtgc	780
cgcgcgcgc	gccgctttct	tcctggccta	aattcccttc	ttgtcaatag	tgtagccccg	840
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gaatgatacc	agagttggac	ggggtttgtc	tttagctttt	gtgtgggttt	ggggagagtt	960
aataccattt	gacttcttat	gcttcatatt	tgaactacata	ctctttatac	ctcttttttt	1020
tccttgatta	tacttcttgg	tttggtctct	ggattgcttc	gaagttgtga	agcagtttgg	1080
tcgctgttta	cgatttaatg	taaaccatga	cgttttcacc	tttatcaaaa	aaaaaaaaaa	1140
aaaattcct						1149

<210> 5463

<211> 656

<212> DNA

<213> *Aspergillus oryzae*

<400> 5463

gaggggtgtga	cagcacctga	cgcgtggctc	aaacttcact	gcgacaaaaa	gcggaacttc	60
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agccctgcga	caccaatagg	cagccttacc	gggctcgaag	atcctcactg	gttcaagttc	180
ttcgatgggtt	cacttcccag	tcggattctg	ccatatatgt	atctcggcaa	tctatcgcac	240
gcaaataatc	cagaaatgct	gtgggctctt	ggcatcagac	gtatttttaag	tgttggcgag	300
tcagttacgt	ggactaattc	cgaggtggcc	aagttcggcg	cagaaaaacat	tatgcacgtt	360
accaggtcc	aagacaatgg	catcgaccca	ttgaactcagg	aactgggaacg	ttgcttggat	420
tttgtccgga	aagggaagaa	ggacggaacg	gctacttttag	tccattgccg	agtgggggtt	480
cgcgatcagc	gactatttgc	atagcagaaa	gtatggcacc	attaggcctt	tcgttcccag	540
agcatattgt	ttcgttcgcg	cacgaccgct	aaatgtatta	tccagccact	ttgcgtttgg	600
ctacggctcc	tgaatgggaa	gacttgagtt	gagaagcaga	acagcctcaa	aagaga	656

<210> 5464

<211> 719

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 5464

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tttccatttg	tcttagcttt	attgcctgag	gctctgggat	acactacagc	ttatgttggc	180
aaatgcgato	tgtgtatcca	accggaatac	cgggtgaggag	tgtaacctcc	tggtgtgggc	240
ggctacggta	gatgagctcg	gtgactgctg	catggctgtg	tttaggtata	taacgctgct	300
qacaggtacc	atggatacct	ctggatcggt	ttgaagaatg	qataaacggc	agggttggcc	360
ttctgtccct	tggacctgtc	ctctcattac	aatttggcttt	tttcccttlt	tttaatacata	420
tattattctt	ttttgtataa	tattcgcgca	atgcaccatc	tccgcaaagt	tttgacggct	480
ttcgcgggct	gtgcaggcct	gggcgttgc	gccccttctt	cggctcanat	aacctctaga	540
gaggttttgc	cgaattcct	ccaacagctc	accctatagc	cacagtatgc	ggcagcagca	600
tactctctct	ccaacaccaa	ctccccgaat	acaaagctca	cctgctctgt	tggaatttgc	660
ctcttgttga	gggagcgaa	accaagaactc	ttgcttgaat	tgaagacaa	aaagccttt	719

<210> 5465

<211> 669

<212> DNA

<213> *Aspergillus oryzae*

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<400> 5465
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ttgacacagt cccaccatgg tagcgacaat ggcacactgt gggctggcag tttcgacggc      180
agagtctgca gctgggatgt gcccaactgga actgcggcgg aggtggacgg cgaaagtcac      240
tcggcgtaca tcgcaggcct tgcgcgatg caggaaggca atggtaaaat ctaccgcgtg      300
gcctgggacg acaccattaa atctattgac gatgggacta aaacgtatac cggaagctct      360
ttcaagttat ctggacaacc taagggtatc gctgcagctg cagcgggtatt ggtagggacc      420
tcggagagtg ttgagaacta acaagacggg cagaagatcc gcgacttcaa atcttagttt      480
tccataacta ctgtggcagc acatggaaac cacggagcta tcggggggcg atgaataaac      540
tgttcaaata tgggaaattt tcgggcgcta ctttgatttc ttaagacggg taattaaagc      600
tttttcggaa tcccggtgtt tggattgggt tttcttcccc gaaagggttc cttgtaaact      660
gttgggcaa                                     659

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<210> 5466

<211> 644

<212> DNA

<213> *Aspergillus oryzae*

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<400> 5466
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atggcttttag agaacatcta taccctcgcat acccttctga gagatagtga agtctctaca      180
tcaactcagac ttgtatataa cattgaatcc atcacgtctc ttcgactcta gccctccacg      240
ccagcatgcc ttacatcatg gaaatctaca ccgacgggtg ctgtagacgc aacggacgat      300
cagatgccat cgggtgctgca gccgtcgttt tcaagaacag atttggaaaa tgcaccggtt      360
ggacacgctc cttaccgcga tatccccac ccacaaacca gcgggctgaa atcacggcta      420
tcatttttgc gctgggaaaa gccctggaca aattcgagag gctggacaca aatccatata      480
tggagggtcaa gatctattca gattccagat atgcgattgg gtgtatgaca aagtggatct      540
ataagtgggc aaacaacgga tggaccaatg ctgctggcaa cgaaattgcg aatcgggata      600
tgattgaaaa agcttctgct cttgatgata gattgaaaga ggaa                                     644

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<210> 5467

<211> 723

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(723)

<223> n = A,T,C or G

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<400> 5467
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cctggcctgc gagctgaaga gagaattctg gccgcgggaa ttacaacggg catggcgcag      180
ctcaatgagg agcagtacga gaagtccaag gacatgcccg ttggcttcca aggctacacg      240
ctcaatgagg gaaagccctt ccttggtagc attcctccta ccaaggacag agagctcaag      300
tggtgggggt cttaagatttt cactaacacc cgagaggtac taccgggtcg ttatactcta      360
tcgccccctc ccacattoga ctacaaccag tgggaaggtg ctgggcctct taagcaggac      420
attgttgagg ccaggaatct atgggtatgg ccgcgcagcg cagattggaa gatgacgaaa      480
cacogaattt gctgggaacg tttcaccaact acctctgatt ntatcatttc tctcactct      540
acctccaagg gtctctacat cgcacattgg tggttcgttc cacggcttca agttctttcc      600
cgtgctgggg aagtatgtcg tacagatgct tgagggtgag ttacggcgag aatlgatoga      660
gagatggggc tgggatcggc agcgtcctga ttgttccaa aacgttgaqt atcccaacgc      720
tgn                                     723

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<210> 5468

<211> 673
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5468
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 tatctttacac cacctccact caccataacc gtaaateccc cagctccgct gccttgggga 120
 agaacgcgac ctgcgcacaa ctagaatttt ttccaacact ttctgttccg ttactatcca 180
 acaagatgtc tcacgaggag gatctcattg actactccga tgaggagctt cagaccactg 240
 atgccgcagc taccactgct gctcccgcg caaatggcga cgcgcgcaaa aagggcgacc 300
 taacggtttc tgggtggcgt cccgacaaga agggaagcta tgcgggtatt cactcgaccg 360
 ggttccgcga ctttttactg aaggggagaac acttacgtgc catcacccgat tgcgggtattc 420
 aaacaatcat cgtggccccg tcagggttaca ttctgacccc tattttcaat gtaataggct 480
 tttgcgagcc atcagttgat atatgtacac tccgcatctt cagtacgtgc atgcgatgac 540
 gacggatatt gattactgta tgatcatcat catcacgata gtgacgatgt tgtactttca 600
 ccttgaagaa aatgatgatg attttctggt qqagaagctc ttgacatctc tgttgatagt 660
 atcgtcgcac acg 673

<210> 5469
 <211> 679
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5469
 tccaaacgta acacctccct ctcacaacttt acttccctacg agcgcgggct cctccgctcg 60
 caatggggca cccaacgcgg cgtcatcggc cgcgactcat tccctccatt cgcttcttgt 120
 cgcctgtgtc tacaccccgc tcgagcaccg gtcgtcgctt gcgcaaccaa cggatgata 180
 ttttgtcgcg aatgcgccat aaatgacctc ctgcgccaac gacaggagat taagcggctc 240
 taacgaaaac gagaggaggc taataaacga ctgcgataaa aagatgagcg gacgttggaa 300
 aaagcgcgtg aaccggaact gcgccagttt gagctcgctc gtatgggatt ggaggtagcg 360
 aaaaataaat ctttcgggca agcgcgaaaag acaatcttaa aaacggaaaag ctgaagaagc 420
 ttccgaggca ctggctgtgt ttatagcgag ggaaatccaa atggaccggc agccaaaaaa 480
 agtgtttgaa ctggattaaa aagaaaatgc accgggttgc tcggaagagc aagaccggtt 540
 taaccacaac ccgaagaaaag aaaaatctga attcaccaga ctgcccagcc gcaatttttg 600
 ggggcttttg tgcccccaac aacccatcca atgaaaatat ggccaccaag gcggccaaat 660
 gaatccccga tggccccgg 673

<210> 5470
 <211> 702
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(702)
 <223> n = A,T,C or G

<400> 5470
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 tcgaacgcgg tcaacgtacg cgaatgttcc agactaaacg tattcaccaa cgtatacaaa 120
 gcaataagctg tcgaaatggc tatgaacgcg attcagctcg gccttcgggt gtyggagttc 180
 ctatggacac tgcctggcat ggccctcggt ggtaacatga tcgcgcattc atttagcgga 240
 aacccctgga ccgtcaacta tgcctatgtt gtgtcggcat ttcccatgtt ctgcctgttc 300
 taacttgggtg cagcgtctct taatctcgac tgggcgaccc accgcatcat catgatcgtc 360
 ttgggacaac ttaaatgcgat tttcttctct acggccggta tcgcattggc cgcctaggctc 420
 gagggccaca gctgncgnaa caacgaatac actctcaaca acgagattac caatggctcc 480
 gtgcaccgcg agaaacgttg ccgtgaggcg cangcatcca ctgccttctt ttggctcgcc 540
 tgggctggat acacggcttc catcgccctt tcactcttgg gccgcgcgcg atccgtcaac 600
 cttcgccccg ggaacgggtcc cgcgcgtgga gcccgctcca gcatggccca ngtctaaaga 660
 gaggaacgct anggagtagg gatctacnct gccaaacttgc tg 702

<210> 5471
 <211> 660
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5471
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aatcgccatg aagtggctta tatgtgtcct tgtgtgtctc ctgtctcagcc tccaagtcaa      120
ggcacttcct catgaaagcc tagaccaaag tgatccagca ccactttcag gagtgcgagg      180
caagcatgaa atccccatca atggcgatcc caataacctc ccacccttgc tcccaatacc      240
tgatccagcc acaccgcacc tggtaaccag tctcccaata gaaggcggat acggcatctc      300
atacgcccc tacaacgatg acggcacctg ccgatccctc gacggaatca acaaagacct      360
ggacaagata agcgaacatt atagctacgt ccgatctctac ggcgtcgact gtgaccagac      420
ccaaaacatc gtatccgcag cccgccaacg caatctccgc gttttcgcgc gctcttttga      480
cctgcagaac ttcccaaaaca gctctgacca aatcatctcg gcagcagcag gagactggtc      540
cacctttcac accataata tgggcaacga actcgttcac aaaagccaaa atccgcaaga      600
cgtagttacc gcgtacaca ccgcacgtgc caaaattcgg gcaacatgct ccaaaggccc      660
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<210> 5472
 <211> 304
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1) ... (304)
 <223> n = A,T,C or G

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<400> 5472
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ggaccgcgac cagtttagag ccgtctgcga cgcaacggta gatgacatta tcaactatct      180
tgacagtgtc cccgaccggc gtgtctgccc caccgtcact ccaggctacc ttcgctccct      240
catccccgag caacccccca cagaaccgga agaattggtc caaatccagg ccgatgtcga      300
cacn                                           304
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<210> 5473
 <211> 1255
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5473
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ttccccggaa ggccccctcat aaaaccagac gtcattggcg acgtccggtc caagaacctt      180
tacgagcttc ttggcaatga tcccagattt gaccccagca gacccccgc tctcccaca      240
aaagctatcg acaagccccc accccgtgta ggcaagcgtg acgcccccaa ggaggctccc      300
agccagcccc gtgcgggcca gaactctcgc cgtggtaact tctctggcaa tgaggccgct      360
ttccgtgacg gtaacgctgg ccgcaaccag aacggcgaga agcccaccga tqagagggaa      420
ggtgggtgccc ggcgtggggg acgtcccccgt ggpgacggtc agtccggcac cggccayacc      480
gacactggaa agaagggtgaa ccaaggctgg ggtgggctag agcggcgaga aggaattgga      540
cgatgagcgc gccgggtgaga agatcgcccc ggccgaagag aacgagcccc agactcccgc      600
cgaggaggcc gagcctgctg agaaggccaa gtcgtataac gactacctcg ctgagaaggc      660
ngtgcgggt gaattcaagc ccaagcccgt ccgtggcgcc aacgagggca ccaaggctga      720
ctccaagtgg gccaacgcca aggaattcaa ccgtgaggag gacgagaact acatcaaggg      780
ttcctctgaa aaggccaaag gtgayaaggc tcgcaaggag aagaacatcc ttgaggtcga      840
catgcgcttt gttgaggccc cccgtggcaa cagcggctct cgtggccgtg gcggccgtgg      900
cggacgtggt gcccggtggt gccgtggcaa cgggtcccggt agcagagcga ctgagcgcac      960
cgctcctgtc accgtggaag agaagaactt ccccagcctt ggccggcaaat aaatacagtc      1020
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agtttcatag	cgggggggta	ttctaccggc	acacettgac	accggtccac	tgaaaggteg	1080
aaaacgaaaa	gaatcttgaa	gaaaccetta	cgatgcctct	tcctggaaaag	tgacgtgata	1140
tggattgcgg	gaaatgacac	gagacgaaac	ccttcgggtcc	tcgcatttag	gtttaaaaatg	1200
gccccgatgt	aatttgattt	gaatgtcaaa	aaataggaaa	gtgtgaattc	aaacc	1255

<210> 5474
 <211> 569
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(569)
 <223> n = A,T,C or G

<400> 5474						
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caggggcctg	cggtcctaca	acgaccggag	ggcctgactc	gaacccggcg	aagctctcca	180
tggtcgaatt	gatgcaggaa	aaggaaacgta	ttgaaaagga	actttcggcg	ttaagcagta	240
tccttacgta	tcacggtgtg	aacatgaatt	catcgctgac	aacattcgac	gacttcccac	300
gagccgatat	tgacgttgcc	cagatccgca	caatacgcgc	gaaaattatt	cgacttcgct	360
acgaccacaa	agaggtcatg	aaatatctgg	aggcagggtat	tcacgatcat	tttgcgaatc	420
ttcaacgcgc	gcaaggtgat	acatcttctg	tcagtaatac	aaatgggtct	agtggaacac	480
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gagtaacagt	gtcgcaaccg	caagtctcg				569

<210> 5475
 <211> 675
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5475						
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ccgtaatcca	gtatgagact	catatgctcg	ttacctgtgg	tcctccctct	attctcgaca	120
gcgctggcag	atgtcgagtt	catagcgcca	gcgcgtggca	caataatgaa	ggccggggat	180
gtagtaacag	cacactggaa	ggactctggc	gagtctcctc	gcatttccga	acttgtacag	240
tacgaccttt	atctttgtgc	tgccgggagac	acattagggt	cccaggagaa	cctggctatc	300
cttatcaaaag	atggtgtctt	tgcccgcggc	aactctgttt	ctttcaagat	tgatccagca	360
gttggcggca	acgaacccaa	cgcatacttc	ctgaaaatgg	ttgcactctg	tcccgaagcc	420
catgtaatca	atttctccga	tcgtttcacg	ctcacagaca	tggtctggcg	tttctcgteg	480
aatttggagg	atggcattgg	tttgcttagc	gaaggccatg	ggcaacagga	actgcgtaga	540
aggcaagctg	ctggagctta	tactatccca	taccaattgc	agaccggggc	tacaagatat	600
gcgcctatgg	ctaaaaagcc	tgggtcgaca	attccagcgg	attagtcgcc	aacttcccaa	660
tttccgacta	gcgca					675

<210> 5476
 <211> 690
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(690)
 <223> n = A,T,C or G

<400> 5476						
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aacagtcact	ctccactcca	ttttcgtcgt	ctctagtcta	ctcaaaggct	ttaaagttcc	180

ccagaccaac	ctcaactcga	ctcattttctt	gttcatttttc	acgtctatat	acaacatctg	240
tgaacgacct	tgccaaaatg	agttccctta	ccccctacca	gcgcaaacac	aaggtcacgg	300
tgatcggctc	aggaaactgg	ggcaccgcta	ttgccaaagat	tgctcgtgaa	aataccgcta	360
gcaaccctgc	catcttcgaa	aaggatgttc	aaatgtgggt	ttttgaagag	aacgtggaag	420
ttccaaagac	ctccctcac	tataacccat	cttcgccctt	atgccagggt	cccagaagt	480
taacagagat	aatcaataag	acacatgaga	atgtcaagta	tttgccagga	atcaaccttc	540
ctacaaattt	gcacgccaat	ccctcattgg	aggactccgt	taaggacagc	actatccttg	600
ttttcatttg	cctcatcaat	tcattatcaa	gacttgtgag	cagatcaagg	caagattctg	660
ccatatgcgc	gtggtatttc	ttgcatcang				690

<210> 5477

<211> 387

<212> DNA

<213> *Aspergillus oryzae*

<400> 5477

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caagcgcttc	tgtccgtgct	gacgagcagt	cctgggaatc	tgccgcctcc	ggattgggac	180
caagcggggc	accgtgtgtt	atctgccaga	caaaccacag	ttcagtcatt	acttgcccat	240
gccgatgcct	ctgcgtttgc	gaagagtgtg	gggtgagcct	tgcaatgaac	aattttggta	300
gttgtgtgac	ttgccgccag	gacgttgggg	gattcgtgcg	gctgtgggta	ccatagaatt	360
cctttcttcc	aattcaattc	cactact				387

<210> 5478

<211> 647

<212> DNA

<213> *Aspergillus oryzae*

<400> 5478

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cctgaaccag	gtcgaacaat	ttgtctaaga	agaatgtatt	ctcgacgaaa	tggtcttcca	180
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ccatggcgca	ggattcatcg	acctccaata	ctgtctgatg	gccgattatc	tggtaaagag	360
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gacaagtact	gttcaaatac	cagaagcagc	attgctggcg	cccttgcttg	aacggaaaaat	480
gcgtcccgtc	tttcttatga	ccgagcccga	tggtgccttc	agagattcga	ccaacatcct	540
agtgaacata	cggcgtgaaa	gccacccaca	cgtgctctat	ggattcaaat	tgcgcgatat	600
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<210> 5479

<211> 677

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1).....(677)

<223> n = A,T,C or G

<400> 5479

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ctgatcttgt	tgagcgagag	cgtgaaggcc	gtcttagcaa	gtttaacgaa	ctgacggcca	180
acgttagcga	gctggaaaag	cttactagca	gttggaagga	cgtgatcgat	actaacctga	240
agaccacgca	acttcaagtc	gctgtggatg	cagtcgcctc	cgtccttgag	cgtctctcga	300
ccccctgccc	atttgttcgg	gagcttgttg	ctgtgaagga	actggctgcc	gatgacctg	360
tggttgaggc	tgcgattgca	tctatcaacc	ctacagcata	ccagcgtggc	attccctcga	420

agtctcagat	cattgaacgt	ttecgcgcgcg	tcgctgatga	ggttcgcaag	gcaagccttc	480
tgccctgagga	tgccgggcatt	gctagccacg	ctgccagcct	cgtcttgagc	aagggtcatgt	540
tcaagaagga	ccctgtcgcc	cacagcgatg	atggttgagag	tggtcttggt	cgcaactgaaa	600
gcctcctgga	nnaagggcga	ccttgatgcc	gctgcacgtg	agatgaacag	tctgaagggg	660
tgggcaaaaga	ttttgag					677

<210> 5480

<211> 1209

<212> DNA

<213> *Aspergillus oryzae*

<400> 5480

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atcgtaactga	tatattacac	tctctgccaa	tatggctcgt	aacgctttgg	cttatcatcc	180
tacnttgccg	actacttgc	gctttgttgc	aacgactgtg	ggctcgtgaca	agatcctccg	240
tacgctgaa	tacttctcag	gcttttatgc	ctggtaacctg	tatcgacaaa	accgcccga	300
gtcctctatc	gacccctaca	atgcagtcac	gaagcagttt	ggaacaacaa	gaaagatcct	360
gaggatcgga	aagtttgccg	agcaactcaa	ggctgcagcc	gttgcaagctg	acaacaagag	420
ccccgtcgac	cctgttctcc	gctatctagc	tgctcggtcg	cagctcgggt	acgcccggata	480
tctgactctg	gatactatca	ccgttatgtg	cgttatcggg	ttccggaaac	ttgctgcagc	540
caagcgcttg	gcaggatacc	gcctatcggg	cgtgggtggc	tggaactaat	tgcaagccta	600
ttgctagtgt	atactccctt	tggagactgc	gggagaagga	gaggactctc	gaccgcaccg	660
aaggcggaag	cgctcgttag	gcaaagaagc	tcgagaagga	acgctccgct	gcccgcattc	720
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aatggcgga	gaccgcgtga	gcggccaaag	ctagagaatc	ctctgattga	gatttcacaa	900
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ggatcaaaga	cgaaatgagg	atcgagatat	aggcgaactt	ttgtgtggca	ggattcggca	1080
aagcagatgc	gatatagtag	tcttcgggtt	tcatagaacat	attatgtacc	ttaagagtgt	1140
attatatttg	ttttacctat	ttttctaaaa	aaaacaaaaa	agaataattc	ctgcggccgc	1200
gaattcttc						1209

<210> 5481

<211> 651

<212> DNA

<213> *Aspergillus oryzae*

<400> 5481

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acttggacgg	cgtccttggc	gagcgcccag	atgtcagccc	atgtatagaa	gaccttccag	180
tcccgggtcc	cgacgccaac	ggactggatg	aagttgatga	attcaaaagac	cgaaagatgt	240
ctttctacga	tgatagaggc	gccgcgcctg	cgacacagtt	cagcttcttt	acatcgcagc	300
tggaattctgt	catccattcg	tccaccatcc	agtccttggc	gtcgttctat	aagccctttg	360
acacgtcgt	ggacaccaca	gaacattctg	ggctatgggtg	gctcgatgta	accgctccct	420
cggatgatga	catcgagaca	ctctcgccga	tcttcgacat	ccatccgctg	actaccgagg	480
atataaaaat	gcgagagtcg	cgaaagagat	cgaaattgttc	gcccgtatta	ctttttttct	540
tgacacgggc	cgcaagtcag	ggggttgatg	actcgtttct	cctcccaacg	tgctccctatc	600
gtttccggaa	ggtggttaac	ttaatttctg	aacagcctaa	ggggtcttctg	c	661

<210> 5482

<211> 669

<212> DNA

<213> *Aspergillus oryzae*

<400> 5482

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cgctgtcgaa	atcatctcaa	ccgggccgca	aaagttgatt	gagatcgtgg	agccggaccc	180
aacatggccg	gagtcgtttg	cgattattgc	acgccggatt	gccgatgccc	ttggtaatcg	240
acttctctca	atcgagcacg	ttgggtcaac	cagtgtacca	gggttaccag	ccaaagcggc	300
catcgatgtt	gacgtactcg	tagctgaccc	cacggcggaa	gactcctacg	tgccagccct	360
tgaggctgcg	ggttttcagt	tcttgcttcg	cgagcctggc	tggtatgagc	atcgctcttt	420
cggtttcaac	gaaccatacg	cgaatatcca	tgtatttggc	ccgaacagcg	cggaacacgt	480
tcgtcatcga	ctgttcctg	actgggttgc	caaccatgag	gacgatcgcc	aaaggtatgt	540
cgataccaaa	cggcaagccg	ctgccgctaa	tcgattggcg	ggggaaaccg	tgaacgaagt	600
attccacccg	aagcaatctg	tgatccatga	aaatcctcca	gaaaagcttc	aaaggagcac	660
gggtaccct						669

<210> 5483

<211> 646

<212> DNA

<213> *Aspergillus oryzae*

<400> 5483

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agctcctgaa	tcaatacttg	gtggcggatt	atgagcaacc	tattaatggg	gagatcatga	180
aagctgtggc	ctctcgtgtc	acggagaaga	acgacgtatt	ggttctgacg	cctggtgata	240
tggaagataa	tggtcccgac	caaaatggcg	aaccttggtg	tatcacccgc	ctggagacat	300
acacaccggc	atgggtgtga	acaccacgaa	taaaacgcgt	tggtggaaat	gtgttgggtt	360
aaggcatggg	tcaaccagaa	aagcctggaa	tgcccgagaa	gggaagagat	atctcgcacc	420
tctctgtaaa	ccaaggtatt	ggccaattaa	aacatgcgcc	tcttccgaga	atatccgcgt	480
aaaaagagag	atctttggcc	cattttctat	aagatcccg	gcaagtgagg	gagaaatgtg	540
ccttctcgtg	aaacctgtga	aacaaacacc	ccatcctatt	ctgtgtttta	taggggtggg	600
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<210> 5484

<211> 663

<212> DNA

<213> *Aspergillus oryzae*

<400> 5484

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aggctgaagg	caaggagaac	ggtgatatca	tgtacactca	gagcaagggc	ttcaggctga	180
acggacgtgt	cctgagagct	gccaaaggctg	gcgttgtcaa	gaacgactaa	atcaatcacc	240
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cctgtataat	ataccagaaa	taccttccat	catgacgagg	aataaccgat	tacggtaatc	360
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gtttgcatac	gatcggaagg	cttacggtct	gccctccttt	cgtggttctt	ttgttttcgt	480
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cactatatca	cattatacct	gtataataca	tgcaatgac	cggtcttgtc	atcctacaaa	600
aaacgggtgg	ctaattggca	atttcttggc	tatgagctac	ttgcacggca	ttggatcctg	660
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<210> 5485

<211> 654

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (654)

<223> n = A,T,C or G

<400> 5485

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caacaccacc	cgcaacagca	atcacaacca	tggctgggaca	acacgaagct	gccattctcc	180
cccagaagg	cggctcccttg	tctcttggaa	agcgtccac	ccccgagccc	ggcccaaag	240
aggttctcat	tgaagtaaag	gocgttgctt	tgaacccctg	cgatcatttc	cagcgtgact	300
atggcatgcc	tctgtgcct	atatatcccg	ctatcatcgg	atccgatact	gctgggtgtg	360
tcgtcaagct	gggctcggat	gtcaccacga	tccctggctc	aggaagccga	gtcatcgcc	420
ttgcctcatc	attctaccag	aacggctcnc	ccgaccacgg	tgctttccaa	aagtacactt	480
tggcacaatc	cgaagctgtc	atcccacttc	cagacaatct	ttcctttgag	gaaggcgcag	540
tcttccccat	ggcgtctctg	actgccttaa	ctgcctggga	cacaatcggc	attccgctcg	600
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<210> 5486

<211> 670

<212> DNA

<213> *Aspergillus oryzae*

<400> 5486

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aatgagattg	agctcaggga	aggtgaatat	gtgacggaga	ttgaaatggg	tgacaaggac	180
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atccaaaata	aaaaggggtct	tttccaacac	aatattgtta	aaactttaaa	agggagtccc	540
aagggggggt	ttttcaaaaa	aaaaggggtt	taaggggcta	gaaaaattaa	acgcgttcgg	600
gtttttatta	tttggggggg	ccaatttttt	tgggtaaacc	ctttgggggt	ttgggtgaga	660
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<210> 5487

<211> 764

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 5487

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catcattctt	cgagcaacag	atccagtttt	actcaaacca	tcttcaalcc	aaactacttc	180
gagcaaaaacg	cctcaagatg	tataaccagt	ggatcggatt	caatattgtc	aataactctg	240
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ctgggtctatg	gaatctagt	aagagctttt	ctgaggctaa	tqqttttqgt	ataagtcata	540
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catctctctt	gtccattggg	agtctgggtg	tgggggctgg	gaaaggaaga	gctaagctgg	660
gtgatctctg	ctatgtatac	ccttatgagt	atctntcaat	aaaaatcttc	agttgttgag	720
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<210> 5488

<211> 647

<212> DNA

<213> *Aspergillus oryzae*


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<400> 5488
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acattacggc ccaccgtgtg ctccgcgcgg ataacgaccc tctcattgcc ctgcatgcga      180
ccctaactgg ttccacagcc tctccaactt cgcgctctgg gtctactgcc gatggccctt      240
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gcccgttttt cttcaaactt gtaccaccga aatcgggcac ttctcggacg gtgcagttca      360
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cagcgttgat gaaggctacc attgaacggg atatggaact ccccgtaggag actaccaata      480
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tgccgacaac ttccgccact caaggaacag aggagaaaag cgaacatttg acgaccacca      600
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<210> 5489

<211> 693

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(693)

<223> n = A,T,C or G

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ctgggcttcg gccgtggccc caaggacccc gtgtaccact accactccaa ctatgacagc      180
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cgtggcggcg aattcgactt tgggtctctg gacagagcag tcgccgagtt ccaggctacg      420
gctaagaat ttagcgccta tgccgctgac ttgacttctc agttgggtga agatcttctt      480
tgggtatctgt ggtggaagag gtgagactct actttcagat ccgtgtgggtc aacgaacagt      540
acaaggccct tgaacggnc a ttcttgatg agcccgact cgatgggncg cantggntca      600
aacatgtggt gtttgccct tgtctgtgga cccgaatact cgggtgcgacg tacccttget      660
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<210> 5490

<211> 681

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(681)

<223> n = A,T,C or G

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tcgaacgtgt cgttatcagc gagcacgctg tccctttata tacaggctat tcccaagtr      180
ttggccaatc tcattttgtga tggggacgaa acctgggact cgttaaagaa cagtgaatg      240
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gaggtgcaag aaagggcaat cgaatttttg gaggtcatgc gcttagcagc agatgccgtt      360
cagtcagaaa ctctagaagt aggccaggct ccatccttgc tgttgtctat ggttcccagc      420
ttttcccatg gattagaact caatccagtc gotaccaatg ttcaaaaagn ggttcccttg      480
ccagatcaac tttgtctaac acaagagttc aacaagcata tatatgggct ttttaataac      540
ccagccaatg ggcttncgga gccagccggc caactaccat cttagatgtt ntatcacgtt      600
anggaagttt ctgtgctaga taagcagcct ggtgaattcc tacccttgga tttgaattaa      660
aatccacata ccanngaact t      681

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<210> 5491
 <211> 674
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(674)
 <223> n = A,T,C or G

<400> 5491
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 caattgctgc aggatgatga cgctgatgcg atggggagacc cgtcgtccaa agagacattg 180
 ctacagcgggtg gctcatttaa acagctcaac cgggcgctcg gtcaacttat cgacgacttc 240
 agcatgggtct cattttctgaa attagatgtg caggacgagg acagtgtcgc cgtgtgttcta 300
 agccatateg acgatgccac tcaattccat gaagcgcaag aaccgcgcga acccaacgat 360
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 aaccatctca tcttcccaac ttgttatcat ccgaccgcca gaggcaccag aaggtcactg 540
 acacgctttg atcccggtggc agggatttgc ccgcttatcc ggtcagagc ccataattag 600
 catcagagcg cgggcgagnc atcaatgcaa accccaacat tgggcgcttg ctccctcata 660
 caggcgcaga aatg 674

<210> 5492
 <211> 691
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5492
 ccaatcctgc ggcagctggg ctgcttaagg tctatcgcca agccccagtc attggtgtcg 60
 tcccaaatcg ctgcgcgac tctcagcact gtgtacactc cgaaacaaga gcccgtaacct 120
 ctcccgagca aattgcccac gtggttcctt tctcaaatac ctctcgcca gcagcctacc 180
 aatggcgcga agaagctcaa agtctacccg gctccgcctt caagccgcac ggtttgcaaa 240
 gaccccgctgg cagcagtgac agaattctca ttgacagccc ttgatccac tgggtgaacgc 300
 aaagcacttt togactacag aagaaaccca cgtagcgtga aggtcggcga tattttgcgc 360
 gtgaccttta agaacgggtga ccattctcc ggcgtttgtc ttagcattcg tctgcgcggc 420
 attgacacta cgttcctgct tcgtaatgag ctactagag tgggtgttga gatgtgggtg 480
 aaggttttca gtcccaacgt tgaaagcgtg gaaatcgtac agaggacaga gaagaggaag 540
 agaagagcca ggttgtaacta catgagacaa ccagacacg atatgcgcag cgttgagaac 600
 atcgtctcga actacctccg acagaagtct gctctttctg gccagagagg acagggagga 660
 cgcggtcgtg gacaqaaacg gcgtcggttaa a 691

<210> 5493
 <211> 1509
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5493
 aagtagcact ctatccgaat tcggcacgag gctcattctc ctgttggttaa catgcacggg 60
 gatcgggtctc ctttccgcga gaactcgccc ctgggtgtgt agtacaacaa tgggttccag 120
 cagccccaga tggcgaccag tglgcctatg actcaaaatg taggcacaaag tcaaggagaa 180
 ggagaaccca agactatgtc tctaaggat gccctgttgg acttcaacga gggagatgac 240
 gcggggtatc ctttgttccc aacaagtcaa cctgacttca accttggtga agcactcggc 300
 ctccgacgtg aaagctcctc atccttcccc cagtgcgaga actttacttc catggagtca 360
 tccccacgc aatacactac accgaatgga ctccccagc agtatccctt cgcgcagcag 420
 caacaagacc atcagcagca acaacagAAC aacctcctgc accagacccc cgaattccct 480
 gcattccctc ctcaacttga gtctacgaac agtgatgccg gggtaacaa cgggtgtggct 540
 tctccacccg cacagcccac aatggcgatg cgcacagtga aggaagagat caccgcacct 600

gagcgcactt	ctgcggacag	tggcacttac	acttgcactt	accacggctg	cacgcttcgg	660
tttgaacgc	ctacgaagct	gcagaagcac	aagcgcgagg	cccaccgtca	gactacgcct	720
ggcggccact	tggttgggcg	cgatacttcc	gcacgcaact	ctcaggccgg	tccccacaaa	780
tgtgagcgga	tcaatccgtc	tacgggaaag	ccatgcaatt	ctgttttctc	ccggccttac	840
gatcttacct	ggcacgagga	cacgatccac	aacgcacgca	agcagaaggt	ccggtgtcat	900
ctgtgcacgg	aagaaaagac	cttttcgcgt	aatgatgcgc	tgacccggca	catgcgagtg	960
gtgcaccctg	aggtcgattg	gcccggcaag	caaagaagga	gaggcagggg	gtaagcctga	1020
atggggttgt	ggtgtcaggc	gggcatacct	cccattcgac	ttctacatcc	aacatggcta	1080
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ctgacttcog	tttcgggagt	attggccttg	tggccttgca	gcctgggtgca	gcactcatga	1320
catcatcttc	gatgtccatt	cctcaatgac	gtcactgttc	aacagatcgg	attctgttga	1380
tgttatcggt	cactttcttt	ttctttttct	ttcttttcgc	gaatagatgg	cctcttgtga	1440
tgacgcattg	gaattctttt	tcttttcggt	tctctttctt	acggtaccat	acaggtgtgg	1500
tgtttctaa						1509

<210> 5494

<211> 661

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(661)

<223> n = A,T,C or G

<400> 5494

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ccgtctcccc	caagaactac	ctcctctctg	cttgtcacgc	cattaacttc	tccgcccaat	120
gtactcaagg	ataccgctac	cttaactact	ggaactgggg	aggccgtgaa	gctaagctcg	180
ccgctgaagc	cgctgggaag	ggctcgcagg	cccccgaggc	cggcgcataa	acgatccgaa	240
ccttgtecta	cctgccgcgt	ggccgacaaa	caaggatgcc	cgttttcaat	cagtagtaga	300
tttagacctc	acaagagaca	agacgcctat	ggatggcgat	ttgtggaata	cagatcggtt	360
cggatgcaag	aggctggcct	cattttaactc	tggttttctt	gggtagaaga	acggattgcg	420
tgcggcttgg	gcccactagt	ggatagttgg	ccttcacctg	attattttta	tggactggca	480
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tgtgggatag	tgcaacttgc	atggcganga	atcaggcttc	cttttggtctc	tgctgtcttt	600
actgttttgt	ataatacaaa	ttcggtgaaa	tctaaatgga	ttgaaagggg	aaaaaaaaaa	660
a						661

<210> 5495

<211> 552

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(552)

<223> n = A,T,C or G

<400> 5495

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atgtgtgtct	tgcgtaagca	agctcacttg	aagaagaact	tcaagccctc	cggtaaacag	120
gagacgcttt	tccccaacac	ctactacctc	actgagggtg	acgacatggt	ccgccgcaag	180
taaggaggtc	aggcatgaat	aatggctagc	gcttgatgtt	aatttggacn	tqatgagttt	240
ctttttcttc	cttgcttaga	cgattcatta	gattcccttc	aggacccgat	tgtcgtgttt	300
ggttgccttg	atagagctcg	caaactgggt	tatgtctgca	aattgtctcg	gtcgatttta	360
tttactttgt	ctgcctgccc	tangttctca	ggaggagccc	agaaggaaaa	tattttcttg	420
tttttaggag	ctggcatgat	gctgatgttc	ctttccgccc	aagatggcgc	tgaaatgctt	480

ccggatttat gagaagatct tatttattaa ttaaacatat taatcaattt atttcacata	540
tggttcacta ct	552

<210> 5496
 <211> 783
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5496	
gtggattacc ttcttccatc tcagaagata tcaatcactt ccatacttct acctccacac	60
tcctcaaaaa accatctaca ttctatacac aactccttca aaatgcagtt gactcttctc	120
accaccctgc tegtgcgcc accegccttg gctgctcccc agatcgacaa cctcgtctcc	180
caggcggaag gtatgcgcca gaccgctgtg aacggcgggc agagcatcgc ctccgacatt	240
gcacgcgctg ccacctccat cgcttccgoc gctgagaccg gtgtccccgg cgctgcctca	300
tcacacacct ctgcgcgggg cgcgcgcggc tcacagcgag agagctgggg ctctccgctc	360
gcttccgaag cccagagcag ggctctctcc atcgcctccg aggcacagctc caagctgagc	420
gacagcctga ccacctgac cggcaccac ggccagccca ctccacccgg cctcgtctct	480
accacctccg ccagcggaac cgagaccacc actgccacaa gcacctccac caccggtaact	540
tcttcttctc ctctctcttc ctctcagct ggcagtgcct cctccaccag cagcgacggt	600
gcaggtgcca tgcccaactc ttccagcttc ggtgcgggtg tgcgcgggtg tgcgcgggtg	660
cctgggtgtc atggctgtc tgtaaacgaa ccacgaataa catgctagaa cgtcgtctat	720
ttttggtacg aaatactatg ttacactata ccattgattga agcgggaaaa tatatgcatt	780
ggg	783

<210> 5497
 <211> 1545
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1545)
 <223> n = A,T,C or G

<400> 5497	
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aagggtgcct tgcccttgag ccgcaaggaa aagctggctg ccttctctgg agaggatgcg	120
ggttccaact cgtggggcgc taacggctgt gatgaccgtg gttgcgataa cggtaacctt	180
gccatggcct gnggtagcgg tactgcgaat ttccataacc tcgtgacacc agagcaggcg	240
attcagaacg aagttcttca gggcgtggt aatgtcttcg ccgtgaccga cagttgggcg	300
ctcgacaaga tegtgcggc tgcccgccag gccagcgtat ctctcgtgtt cgtcaactcc	360
gactcaggag aaggtatct tantgtggat ggaaatgagg gcgatcgtaa caacatcact	420
atgtggaaga accgcgacaa tgtggtcaag accgcagcga ataactgtaa caacaccgtt	480
gtcatcatcc actccgtcgg accagttttg atcgatgatt ggtatgacca ccccaatgtc	540
actggtatcc tctgggctgg tctgccaggc caggagtctg gtaactccat tgccgatgtg	600
ctgtacggte gtgtcaaccc tggcgccaag tctccttcca cttggggcaa gaccggggag	660
tcgtatgggt ctcccttggg caaggatgcc aacaatggca acggagcggc ccagtctgat	720
ttcaccaggg gtgttttcat cgattaccgc catttcgata agttcaatga gacccctatc	780
taagagtttg gctacggctt gagctacacc accttcgagc tctccgacct ccattgttcag	840
cccttgagag cgtcccgata cactccgacc agtggcatga ctgaaactgc aaagaacttt	900
ggtgaaattg gcgatgcgtc ggagtagctg taccggagg ggtgggaaag gatccatgag	960
tttatctatc cctggatcaa ctctaccgac ctgaaggcat cgtctgacga ttctaactac	1020
ggctgggaag actccaagta tatcccgaa ggagccacgg atgggtctgc ccagccccgt	1080
ttgcccgeta gtggtgggtg cggaggaaac cccggtctgt acgaggatct ttcccgctc	1140
ttgtgaaagg ttaagaacac gggcaatgtc gccggtgatg aagttctcca gctgtacgtt	1200
tcctacggcg tcccgaaatg ggcgaaggct gtactgcgca agtttgagag tattcaactg	1260
gccccttcgc aggaggccgt gtggacaacg accttaccct gtcgtgacct tgcaaacctg	1320
gaagtttcgg ctacagactg gaccgtcact ccttacccca agacgatcta cgttggaac	1380
tcctcacgga aactgcgct ccaggcctag ctgcctaaag cccagtaagg agcaagctc	1440
attgtacaga gcatttcgag atttatgatg tacatgttta tgaatgaact anggtagggt	1500

aataacttagt anggttagtt ctaattcttg gagtcaagta ttgac

1545

<210> 5498

<211> 726

<212> DNA

<213> *Aspergillus oryzae*

<400> 5498

ccggttcggc	ctaccagccc	cgggactatc	aaccatgccc	gggacctcgg	atcagacctc	60
ggtacgagga	ggattcaccg	cggcccccg	ccatggatca	cagtcgtttt	tatcacatac	120
cttttccac	actcagttga	gttcaccatc	gacaacacca	taattttatac	atctgctgtg	180
taaccatggg	caaacacaac	ccccaaagta	cgaaagagc	tcgactctc	aacgaagccc	240
tagacttcat	cgaacaaacc	tataaagaat	cgaagttgat	catcgtcggc	tgtctagcat	300
cctggacact	ctgtcgactg	aacttcogtt	tcgtttggct	actcatcatc	ctagccttct	360
gcccgcagca	ctaccaagta	tcogttcgac	ggatcgagcg	cgcctatcga	gacgaactcc	420
gtcgatacca	ctcacaatag	gtcctacagc	qtggtgaaag	cgtaaaatgg	gtaaacgaag	480
tcctggggcg	agcatggcac	ctctaccanc	gcccagatctg	taaaacgatac	gttcaatacg	540
tcaacgcggg	gatggggcaa	cgcagcgaag	attcatcccc	tcagaaactg	gtcaatcaat	600
ccctggctgt	tgtggcacia	ccgctccgat	tttaaaaaat	gaaggggccat	tcaaacctca	660
atcgggcaat	ttgaacctct	caggagaatt	ctggtttcca	actcccggcc	aacggggcgaa	720
ccaatg						726

<210> 5499

<211> 813

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(813)

<223> n = A,T,C or G

<400> 5499

cttctcattt	gtcatacagg	attgataata	ttctacgttt	ttcatataca	attaatatto	60
tttacacatt	tatatacatc	cggcagtaac	tatggcgagt	gttcagcaag	acaagcctgc	120
agttgtctgt	gtattctgcg	gtccagtctc	cggtaacaac	tcggttcacc	tggaacagc	180
tagagctctt	gcacatgagt	ttcacaggaa	caatatccaa	cttgtttatg	gcggtggcac	240
agcggggctc	atgggcgaat	tggctcgcac	cctcgtttcc	ctttctggac	cccaagcagt	300
gcacgggatt	atccctcgcg	ccctgggtcaa	agtcgagccc	ggctatgaca	acgcacaaga	360
ggagaggaa	ccttctacag	ttgtaagcgg	gaaagaagcc	gagcgggtcg	tcaaggagcc	420
catgggtaag	atcgggacgc	ttaaagagtc	agagtacggg	tataccacca	tcgtcccaga	480
tatgcacacg	cgaagcgta	tgatggccga	gaaggtccga	gagggcgggc	cgngtcgggc	540
tttgttggcg	ctgengncgg	tttcgaacga	tcgnagaggt	catggaaatg	actacctgga	600
atcagtttgg	aatccataag	cttggcatgg	ngttgctaan	tgccaatlly	tactggngat	660
tgtgtgtaac	gttgttgaag	aactcagtc	aagaaggctt	tgcagtcctg	agaacgtgag	720
atcttgggtg	ngccaagatg	caganagggt	ggcccaactg	ntntgttcaa	gattaacatg	780
gaggatgcat	tgacctgtga	aaagagtacc	ttt			813

<210> 5500

<211> 649

<212> DNA

<213> *Aspergillus oryzae*

<400> 5500

caacatctct	gacaaaatgg	ctcccaaggt	tctcgttgct	ctgacctccc	aggetcaaat	60
tcctgacggc	gacaaagcga	cagqatggta	cctgcccagag	ttcgcccaac	cgtgggaggt	120
cctccatgag	aaggtcgagc	tcaccatcgc	ctctccgaag	ggtgggtgagg	ctccccloga	180
ccctctctct	gtcgaggcgt	tcaagagcga	tcctgtgtcc	tcgaaatttc	tgaaggagca	240
ggagtcgctt	tgggaagaaca	cccacaagct	ggctgatttc	ctgcctcgcg	tttcggaggt	300
cqatgccatt	ttctacgttg	gtggccatgg	acctatgttt	gacctccact	acgacgagac	360

ctccctctca	ctgatccagg	cttctcgtgc	cgccggaaa	cccgctctcc	ccgtctgcca	420
cgccccgacc	gtgttcatca	aggcgaccac	caagtccgga	cagcccttgc	tcgccaaactc	480
caccgttacc	gccttcacca	acgtcgagga	agaccaggca	caattgaccg	cgctcatgcc	540
atacttggtc	gaggatgagt	tgaacaagat	ccccggatgt	aaatttgta	aagccgaatc	600
accctggggc	gagaaagttg	ttgtgtctaa	tacctccgac	ggcggtct		649

<210> 5501
 <211> 1081
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5501						
gataaggggg	tgtatataca	tatatataag	cagttgttcc	ccgctctatc	tttcagatcc	60
agtgaagggt	gcacaactac	agaaatctcc	tcaagatata	ctgccttgga	tataaatata	120
caccccagag	actctggtag	ttttctcgtc	tattcaatct	cctagctggc	ctctttctcc	180
gacccgtcac	atcatggggc	ctcgtggccc	tgggaagttt	tccaagcctt	cgcgaggagg	240
tgggaaacac	tttagtcggc	atgttcaaac	agtcgacaag	cacggtaate	ccgcccgggt	300
atggagagaa	ccagacgatg	atgcccagag	ttcttcacag	gaggaggggc	aggagaagtg	360
agaggaggaa	gtgtccgaat	cagaagagga	tcttcaaaat	agacgctaac	ctggatctag	420
ctttcccgc	gcgagagatg	gactcgtgag	gagcgcgggc	agcagccaag	ccaagaagca	480
agttgctata	gcgaaacgga	ttcaagttca	gcctggcgat	ctaccaccgt	ctgattcgga	540
gtcagaagtt	agcgggggta	gtgagggaga	tgaagagctg	ccctcaaatc	cgaatcacac	600
ggccaagtct	cgctcgcaac	tgaaggattc	aaacccggac	aaagacatgt	cacagttgtc	660
gaggagagag	cgccaagcca	ttgaggtcca	gcaggagcgt	gaacgtttat	tgaagctgca	720
cgcgaggagg	aaaacagagg	aggcccgtgc	agatctggct	cgtctggcta	tcattcgggg	780
gcgacgagag	gcagaaaggt	tacggaagga	ggccgagaaa	gaagagaagg	cagagctagc	840
caagcaacgg	gctgcagaga	tagaggcaaa	gctgaacgcg	aagaagaaa	gtggttcaaa	900
gaaaaagtaa	atgaaacaga	ccgcttgcct	tagcttggac	actgagactt	tgatggggagg	960
tatgggatgg	ttttattcaa	agctagttaa	gaacttggtt	tgggtataac	actaaccggg	1020
cagtaacgat	aatatatgga	ctgtacacag	aatacccaaa	tagattgttc	attttagaac	1080
g						1081

<210> 5502
 <211> 629
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1) ... (629)
 <223> n = A,T,C or G

<400> 5502						
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catgtcgaca	cagatagtaa	tctgtttggt	aatcttgaac	ttgccacgca	tttagcgaca	120
tgggtaaacg	agccggggcg	acttgctcgc	gcttctaatt	ggcgctctgc	gcaggatggt	180
ttcacctggg	cgggcggggc	gctggacagg	tcccattggc	catctctcgc	aacagagacc	240
atcagagatg	cgaacgttga	cattgacggg	attcacccaa	cctggaagat	cctcaagaca	300
cgggatcccc	tcagaaagga	cgaaattgta	ggagagatca	ctggcaaaat	tggaccgctc	360
tggaaatgac	gggttgaagc	cagtaacggc	tggcaagaac	ttcctcatcc	agaacctttc	420
gttttcttcc	acctcaact	gcctctgtat	atcgatagtc	gccatgaggg	aaacatactc	480
cgttatgcgc	gacggctcct	tcttcccaat	gtcaccatca	gaaccttcat	caccaatgaa	540
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<210> 5503
 <211> 675
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(675)
 <223> n = A,T,C or G

<400> 5503
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 cctctgtcaa aatgctcgaa cctataatga agatggcagc atcctgttcc aagatgcgaa 180
 tgatattgag gcaaaatgcc tgagtgaact gaagagagag accgagggct acccgcaatt 240
 tgccaactat gacgaccagg gagcgocgtg tggtaagat cagtctctcg cggcaacccc 300
 cagcgtcgag actcctagca ctgtcaccac ccccgcccaa ccgaaactaa agcttacatt 360
 caacagtggg aatcgggaca gtacaggagc cgccaacgga accccacaga ctggaataac 420
 tgaggagtaa tctttgcata aaccttcgtc ctggcttgct tgactctgtt cattaagtac 480
 aggggagaga catttccccc tcacaacgca ttttgcattt ttgatctttt cttgacatgt 540
 acccatccgg ctntggacgg gcgtatgtga ctnggtgatg gatgatgggt gatggcgcat 600
 gctctgctct actgaagacg agcgattgat ttcattttatg ggtntctttt cggttattct 660
 tcacatttaa ccccc 675

<210> 5504
 <211> 752
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 5504
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 tccatataac accaaatctc atgtacaaa tccctctaaa cctcacatac aatcaacaag 180
 ttcacaatcc tccatcgaca aaacaagctg ccccttcaac agatcaaccg gcgtcatctc 240
 atcatcccca tccaaccgat catccagcct caaaacacac tcacatcttg cttgcatcaa 300
 cccctgaagg acctcatcct cattataccc aacctccctc gcaatcctaa cagccaaccg 360
 catcccaaca gtcaacacca accccgcaat atcagtcgcc gggatccaa cgccggcatc 420
 cgcccaatcc aatatgccag taattccccc atcagaatcc acaagaatat gttccccctt 480
 gatataatta tgaatgagca ccttccgaga gaccccttca tcgggacgct taacccgatc 540
 tatgaacgcc gtcttccctc caccacaatc ttcgaaactc tccccatctg taaccccaaa 600
 atcaccagct aaaatctgcc cccgactaac cagtagacgt tgtcccaann nnnnnnnnnn 660
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnaa aattcctgcg gcccgttgag catgcattta 720
 aaagggccga atattgtaat taagtttgcc cc 752

<210> 5505
 <211> 691
 <212> DNA
 <213> Aspergillus oryzae

<400> 5505
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 tggcttaggc ccaacagtcg gcagcttact gggaaattgc cgaggaactc accggagcta 120
 ttgtccatca cagggtcttg cctcggtatg tctgtgtcag ctgtttacca ctgtcttggt 180
 aatcgcaact ccatcagttg ctcccttaac aatctccatt attgaaaacc caatagagga 240
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 agctcctaag gcactcacc gtattttgtc ctattgggaa caatctctgg ttcactgtct 480
 ttagcaaacg tggatcccca acaacaaagt ctgcaggatg tgtcttggtg cagtgatgtc 540
 aacggcctgg cctgtttcgc aggactgcta cgtatcctcc agattggaac acagtgcctc 600

tgcttcttta	tcattctatt	cctatacacc	ctatatttcc	ctcgcgatgt	acagtcgtcg	660
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<210> 5506
 <211> 667
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5506						
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aaattgctat	tattatggag	acctatactt	cttttgaatt	caaccttaac	cggaagccct	240
tgaccactta	cccgtttgca	tttaccttac	tcgttatctt	gtcccaaaca	actttgtttt	300
ttaacgccaa	gaattaaacc	ccccatactt	attttaaccc	ggcgggtgcc	ttaaaaaata	360
aattttacac	tctttaaaaa	ccgttttgtg	cccacccttt	gggggattct	ttatatacct	420
tggaaaacac	cggggcccca	caaacattgg	grrttccaag	gggtttcctt	tcattcaaat	480
aaagtgttcc	ccacggtgcc	cattaaaaaa	atttttgttt	tttttaaaag	ggggaaaaaa	540
acgtttggga	aaaaaagtat	cccccccttc	cctttttgtt	tggacacttt	ggccatatat	600
attcccgggg	ctctctgggt	ctttaaagag	aaagggatct	tttaaaaggg	taaagccccc	660
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<210> 5507
 <211> 554
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5507						
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tcaattaccc	ccaaggcttc	ctcgccaata	aagtcgccat	catcactggc	gccggccagg	180
gcacgggtgc	cgagactgcg	aagttgttgc	ccaatgaagg	cgctaaggtc	gtcattgctg	240
atattgatgc	tgagaaaagc	acaaacacag	caaacgccat	caatgccgcg	agtcggaacc	300
ggggccattgc	tgttacggga	gatattctcg	atgatgccta	tatcgagtcg	ttggtgaaga	360
aggcggtctga	gttcgggaat	gggaagattc	atgtttattgt	taataatgcc	gggtttacgt	420
gggatggggg	gattcataag	attacggata	aacaatggga	tactatgttg	gctgttcaca	480
atacggcgcc	gtttaagctg	gttcgtgctg	cggccaagta	cttcgggtg	aaagatgggg	540
agcctcgctg	gatac					554

<210> 5508
 <211> 458
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(458)
 <223> n = A,T,C or G

<400> 5508						
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gatcacagta	agacacctca	gattgaaggc	gttgtgttgg	atctgcatgc	ctacgatcat	180
ctggctagtc	tggatttttg	cgaaaaaggg	catagccata	ttgatccggc	tatctctacg	240
atcgcaataa	caacccctcc	catcccatct	gaaaagattc	cgctcgtaga	tgcctggctc	300
gtctccgtcc	tttgggactc	ttctcttcca	catgggggaat	ctcaatctga	acctcagctc	360
catccagctg	atttcgatat	tcaccgcctc	aaaggcatat	tgatcacaaa	ggatgattcc	420
agcagggtta	ttcaggctgt	ccgnacgtg	tttgagat			458

<210> 5509

<211> 693
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(693)
 <223> n = A,T,C or G

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<400> 5509
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tacaaaaagg attactgggt gctcttcgtc cctgcgatcg tgtacatgtt tgtcaagggt      180
gtaatcatcg ctgcgggcaa tggtcattgg ctggttcagt ccgcgggtca actcattgtt      240
gaagctctta tgctagcact tctgctatgg taccggccat atgttgcaaa gtcgagccag      300
tggatcaata tcagcatcca ggtgggtccg qtattgtccg ttgcttgtgt gttgatcttt      360
gtgaggagag ttggtcttll gcagactaac aagaactgtg cgggtattgt ccttatcggt      420
gtgcaatccg ccttcacagg catcttggcc atcttcattg ccgctaacgc tatcattctt      480
tgtgtccgag aaaacccccca tgcgaaacgg agatgagaag ccaaaaaaat gaaccgtgat      540
atcgatgatt tgactccttt ggatgcgcgg gagtcgcttc ttatggagaa ttcacccccg      600
aaagagtacc cagagatgaa gcagggttaa ttcacgggcc cttacgaacc ctatcgggac      660
cactacgaat tcaaagtagc atcaaagccc tcn                                     693
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<210> 5510
 <211> 688
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(688)
 <223> n = A,T,C or G

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atcctgacgc tgtacctgcc gattctcctg agcggcctac ccgaacgcgc aaatttcagg      180
aaatcaatga tgctattat accctgtcag acgagtcacg tcggagagag tacgacgcaa      240
caaggccagt ggaagaagaa accgaggatg aagtaccctt aggtggcacc gggggatttt      300
catggctctt atttgggttt ggcacgagcg accgtgaaca acgtgcctct gaacagtttg      360
gctcgggtgt tgaggagatg ctacgcgaag agggcctcgc tagtgatgat actgacgctg      420
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gtgggtgcact cggattcatt gtgcgcaatg ctgcgggtgc tttcgtggt gccagtgcaa      540
gaaatcggct cggcgctgtt cgtgatgcga agggcaaaag tgtctacyag gtcttccatg      600
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<210> 5511
 <211> 694
 <212> DNA
 <213> Aspergillus oryzae

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<400> 5511
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ctccctcagg cccagggtga ggtccccgt gagaacgttg agcagccag cagccaggag      180
accgagacgc aggagaagcc cgctgtgacc gaagagtoga atagtgaaga gacccggcaa      240
aagaactgagg agtccgctga ggagactcct gaggagcctg ccgaggagga gcccgagcag      300
gaggaggaag aagaggagga agaggaggag gaagaggagg aggagcctga ggacatcaag      360
ccccagctcg aggaggaatg tgccaactcc gctcagtgcg ccccatataa gcaccacttc      420
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gatgagtgcg	tcgagcgtgt	cactcagcag	caggaggacg	cagactacaa	gggccccaa	480
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aagctctgga	agtccctcaa	ataagcgtct	cgctccgaaa	caattcctgc	cacgtttctc	600
ttatggttca	atggcaacga	gtttaacgat	ggcacatcat	gtatggacca	tccgaatgag	660
atacgaaggg	ggaactgtgg	agggaaactca	caga			694

<210> 5512

<211> 672

<212> DNA

<213> *Aspergillus oryzae*

<400> 5512

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gtcggcgagc	tgttctgtgg	ctttttcgtc	tactatggaa	gccgatgcaa	aactacaccc	180
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ttcctcatag	caattgaaga	ccccctcgaa	cacaaccata	atgtaggcga	aactgtcaca	360
gacaaaggcc	tgtaatgtat	cagagcagag	ttctcccgcg	ctcagatcat	tatacgtaga	420
gtccaggaaa	tcccaagagt	cgggtgggaa	tggcgaaaca	acaatggcca	tgtaggtcag	480
aatctacttg	ctgaagcgga	agataactta	aaccgacaac	aaccctgtgg	aacccccgaa	540
ttcccaagat	tcaagaatga	ccagggtgtc	aatactcgcg	gtgtgattct	ctcaagtga	600
aatcatgggt	accacaaaac	ttatttgccc	cttggcagat	gccccaaaac	aaaggacaca	660
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<210> 5513

<211> 652

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(652)

<223> n = A,T,C or G

<400> 5513

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tgggtggctat	tgtgtacggc	acgacctttt	gtggttgggt	ctttgccgct	ctctctaata	240
gtcatctaag	ccagtacctg	gaccttggcg	tgttcttggg	catgggtgcg	acattacaag	300
ttcctagctca	tgccttgaga	acctggctgc	ctccattccc	cctatttgcc	gtgacatttt	360
tctttgccag	tcttgggcaa	gcgtaccagg	acacgtacgc	gaacacgttt	gtggcgctcg	420
taaaagcagc	gcctcgatgg	ctcgggttta	ttcatgcgat	gtatatggca	ngatgtctcg	480
cgggaccctt	catctccaca	ggagtagcat	cggcaggagc	acggtcacgt	tgggagttat	540
tctacacagc	gcctttatga	ctangagtca	tcaactttgc	cctggtgggt	ttcgcattcc	600
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<210> 5514

<211> 739

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(739)

<223> n = A,T,C or G

<400> 5514

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tccatcgtec	tgcactgcca	gagtccttcac	ttccggctgc	gcctgccgcc	tcagagaatg	180
gtgctggcgc	tgttcaaaaag	gtcaagcctg	gcactcgat	cccgggtaga	acgtatattc	240
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atgatccctg	cgctagcctg	gctgagcaag	aagaggaggg	tgaggctgaa	attgcagccg	420
aagaagagga	agaagattct	gatgaagaga	tggaggaggc	caccgatgga	aagaagggtg	480
acgccaaaggc	tgaagactcg	gctgaggagg	aaaatgagga	cgaggatgat	tctgttgatg	540
gaggtatgga	tgttgctggg	acagatgacg	atgaggacga	gagcgaagaa	gaaatggaag	600
atgaggttgg	tggattcgag	gaagaagctg	catnccaatc	ggaggatgaa	gagaatctgc	660
tccactcacc	acaaaaggag	cttgaagcga	agctgctggg	ctccattctn	ctnctctatg	720
ctggcggtgt	ttcaacaaa					739

<210> 5515

<211> 685

<212> DNA

<213> *Aspergillus oryzae*

<400> 5515

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atgcattcgc	tgtctctcgt	gattttaaca	cactctcaac	cgacctgtcg	gctctcggct	180
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acgtttctcaa	cgatctcgtt	tccaagaaat	cgggttttga	ctctgttggc	gttaccagca	420
ttgtcgtatc	ggatctcaac	tccctccatg	atcttactgg	ccagctgtca	actgagctcc	480
agtcgaaggt	cacttcgggt	gacgcattca	ctatttctga	tgaggctgcg	cgacttgatg	540
cggaatacaa	gaaggccatc	gctgcctatt	cctagattag	cgtgccatgt	aaacccctta	600
tcaaccgata	gacgaaggat	gcggagtagg	gtgatcagag	ctagaaaaag	gacatccaag	660
caggattaag	cctttctttt	agcat				685

<210> 5516

<211> 675

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(675)

<223> n = A,T,C or G

<400> 5516

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<210> 5517

<211> 528

<212> DNA

<213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(528)
 <223> n = A,T,C or G

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 tatgcaatag gattgctcga cgcacgagga tgggttcgaca agctaaaacc ggccaacttc 480
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<210> 5518
 <211> 1264
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1264)
 <223> n = A,T,C or G

<400> 5518
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 cgggtgccaa aaaggcttca ccggccaata ctcggttgac tgtgacaagc gcgattcctt 1080
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<210> 5519
 <211> 2022
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5519
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aagagtggcc	gcacttttga	gaccatcaac	cccaccaacg	agaagccgat	tgtagccgtc	540
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aacgttaaca	ctgccatccg	cgtctccaac	tctctccggg	ctggaaccgt	ctggatcaac	1740
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cgtgaactgg	gctcctacgc	ccttgagaa	tacaccaggg	tcaagactgt	gcactaccgc	1860
ctggggcagc	ctctctttgc	ttaaatgaaa	gttatgaaat	aatgaaatat	tcttacaagt	1920
tccattttgg	cgatgccttt	gatctttgtc	atttcatgta	aacataggat	atgaattcac	1980
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<210> 5520

<211> 1710

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1710)

<223> n = A,T,C or G

<400> 5520

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gaactacaaa	gttcgcacca	ccttcaaaa	gggtaaggaa	gacaagcagc	acatcaacat	180
cgtogttatc	ggccacgtcg	attccggcaa	gtccaccacc	actggtcact	tgatctacaa	240
gtgtgggtgg	atcgaccagc	gtaccatcga	gaagttcgag	aaggaagccg	ctgagctcgg	300
taagggttcc	ttcaagtaac	cctgggttct	tgacaagctc	aagtccgagc	gtgagcgtgg	360
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ctgogctatc	ctcatcattg	cctccgggtac	tggtgaattc	gaggctggta	tctccaagga	540
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ggagacttcc	aacttcatca	agaaggctcg	atacaacccc	aagagcgttc	ctttcgtccc	720
catctccggg	ttcaacgggtg	aaaacatgat	tgaaggctcc	acaaantgu	cctgggtacaa	780
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caagccctqgt	atggtcgtta	cttctcgtcc	tgccaacgtg	accactgaag	tcaagtcctg	1020

tgaaatgcac	caccagcagc	tcacggccgg	taaccccggt	gacaacggtg	gtttcaacgt	1080
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tgaacctttt	atgagcacia	aaatatggaa	ttctcatgaa	attagacttc	aattatgtag	1620
ttgattctac	agaacttgaa	tcatgatttt	attcggttaa	aagagacggc	ttntctgctg	1680
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<210> 5521

<211> 696

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(696)

<223> n = A,T,C or G

<400> 5521

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gagacaaaca	agatgaacaa	aaccaaaga	actgggacaa	atcactcaat	gcgatcgact	180
gggcgcgctt	caccgaacct	aggaccctaa	ttcccaccct	gatectcacc	acaggaatta	240
tccggcgact	gcagatccac	cgcgataacc	tgcgcgcttt	ccccgacgct	gttagcatct	300
cgcctatgta	cttcgggaag	aggaccatct	taggccaaat	gacgagcgct	ggcgacggcg	360
acggttttcag	actataccac	acacctggag	gaagattggc	aggatggggc	tggttgcctt	420
ggaagagagt	tcccaccgcg	aagaaggatc	tgagagataa	aacggtgcgt	ngatgngcct	480
ttactctttt	ttgcctagga	caagaggctc	aatgggttat	gtttagatct	ccgttcgctt	540
ggctgtgtgg	atgcgcggga	actcgcgcac	ttcngtcgct	cggagcaacc	tatgctcggg	600
aagctcatga	atgggtgacg	tcttacgtcc	taaacgcgcg	gttcgggtcc	tgtgcatcgt	660
caagacaaaa	atcaacgtgg	tgtgggcctt	tgctat			696

<210> 5522

<211> 638

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(638)

<223> n = A,T,C or G

<400> 5522

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tccacccctc	caactaccct	aatggcaaaa	agtctctcgc	cggaatttca	ctacgtgcac	180
tcctaatagg	cacgaccctc	ggcctctcca	tctccctcac	cattgtcctc	cgttctcttg	240
aaagccccc	ttggcgatcc	ccattctctc	tgcctccctc	ctccctcttc	cacttctctg	300
aatactatgt	aacagccgcg	tacaacaccc	gctacgcagc	catttccgcc	ttctctctct	360
cttcccaatgg	ctgggcatcc	aatgtctcgc	acatatctgc	cgccttgga	tgtctcttag	420
ccctacgctt	ctggccgacc	gcgccttacc	tgaactgggg	aattctcgca	ccaggcctaa	480
agattccaggt	tgtgctaagc	ctcgtcttca	tgattgttgg	ccaggtcgtt	cgcacgttag	540
cgatgggtgca	ggcgggaagt	aactttaacc	atacgggtgca	ngtcgagcgg	aaggaggatc	600
atagtctccg	tacgcatggc	atctacgcca	tgtctgct			638

<210> 5523
 <211> 1604
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5523
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 gaggagctca acaagactaa gcccatctgg acccgtaacc ctgctgatat cactcaggag 120
 gaatacgtct ccttctacaa gtctctctcc aatgactggg aggatcacct tgccgtcaag 180
 cacttctccg ttgagggtca gctcgagttc cgtgccatcc tctatatctc taagcgtgct 240
 cctttcgacc tcttcgagac caagaagact aagaacaaca tcaagctcta tgttcgccgt 300
 gtcttcatca ccgacgacgc caccgacctc atccctgagt ggctcagctt catcaagggt 360
 gttgttgatt cagaggacct tctctcaac ttgtcccggt agaccctgca gcagaacaag 420
 atcatgaagg ttatcaaaaa gaacattgtc aagaagacc ttgagctctt caccgagatt 480
 gctgaagacc ttgagcagtt tgacaagttc tactccgctt tcagcaagaa catcaaacct 540
 gttgtccacg aggatgtctc gaaccggccg actctcgcta agctgctccg ttaccagttc 600
 accaagtccg gtgatgaggt caactccctc tctgaactat taccggat gcctgagcac 660
 cagaagcaaa tctactacat cactggcgag tctatcaagg ctgtcgccaa gtctcctttc 720
 cttgacagcc tcaagcagaa gaactttgag gttctcttcc tgggtgacct tattgatgag 780
 tacgctttca ctcagcttaa ggagtttgat ggcaagaagc ttgtcgacat cactaaggac 840
 ttcgaaactc aggagtcgca ggaggagaag gctgagcgtg agaaggagga gaaggagttc 900
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 aatatggagc gtatcatgaa ggcccaggcc ctccgtgaca cctccatgag ctctacatg 1080
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 gagacctctc ttttggtttc cggcttcacc atcgacgagc ctgccagctt tgccgagcgc 1260
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 aaggccgctg aggaggtctc tgccgctgcc accggtgaga gctccatgga ggaggttgac 1380
 taaatgcttc ggcagcagcg gaaatgaaat ccaactgctt ttacgacctt ttattcaaaa 1440
 ctggttccagc ggtatttgca tcagggttaa tctacatcac tgactcgcat tgctgtttca 1500
 ttggtggacg gagaaagggt gttcctagtc acgatgtgat ttttaatctt ccggcggttc 1560
 gagcgttttg tttccatata atactacttt aaattggtac gtct 1604

<210> 5524
 <211> 433
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5524
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 cgaagtctct tctactcaac atcgactgct cattggacgc ggtggagaaa cagcagctgg 120
 tattgagtcg aagtccaaca ttacgctcga tatccctaag caaggctctg gacgttccga 180
 tatcaaaact aagggtctca gcaatgctgt tgcagaggcc aaggagcaca tcccttccat 240
 gcttaaggac caacaagggg agaccgtgga ggtccctcgg catttgcatc atgctatttc 300
 cgacaatggc tctttcttcc gtccgcttcg taacgactac caagtgaccg tggatcatgc 360
 tggccagcaa gtgccatcca agccctctc ggaagacacc cgcggcgcag ccaacggcgg 420
 ttcactcttc cca 433

<210> 5525
 <211> 714
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5525
 cattgaatta tattgatcag caccacaagac aacttcagca taccacttat ctaganaaaca 60
 accattaaga tacaactcaa tagccatgtc cgagtttacc gaaaagaaca aagaggtctg 120
 gggcaacttg gccaaagact acaaaacccg gttcgaaaag ggcacaaagt tgatctaccg 180
 cctgactcag gaaaagcgcc tttggggtag tgacgtttgg actgacaccg aagccgggca 240
 aggcaaaagc atcaagggtg ttgaatatgc atgtggccct ggcgttgtat ctacggcatt 300

ggcgccattc	gccaccaaag	tcgttggcat	agacgtcgcg	gacggcatgg	ttgacgagta	360
caatgctagc	gctcgtgagg	ccggttttga	agacaaaatg	attggcttta	aaggtgacct	420
tctggccgaa	ccaatgccag	aggaattctc	aaggccagag	tattccgatt	tcgatgttgc	480
atthgtgagc	atggcccttc	atcatttcga	aaagccggac	ctggccatga	agcgtctcgg	540
ggaacgactg	aagaagggtg	gtgtatgtct	gataatcgac	gtacttccac	atggcaagca	600
tgaccacaat	gcccattgaa	tgcacaaccc	cgaccatgaa	accacgcaca	caatcaagac	660
tcattggttt	accttggagg	atatgcgcaa	gctgtatgaa	actgcagggc	ttgg	714

<210> 5526

<211> 670

<212> DNA

<213> *Aspergillus oryzae*

<400> 5526

gaggcaattc	accgtcccgt	tcacggctta	ccctcttctt	tcacagctag	ttctgccgga	60
acatcgcttt	tcattgggaa	tgtgggattt	aqtgttcacg	aagcaatgat	tcgtgatgtt	120
ttcgtcttca	agggattttt	agtcgaggtg	catttgcgcg	tagatgcaga	gacgggaaga	180
catgctggct	ttggtacct	gcgttttctt	tcctccacg	cagcaaaagc	ggcgttggac	240
gctttgcaag	gtgctcacat	agatggacac	tcaattaatt	tggagatcag	tgatcactct	300
ccgatcaccg	cgctagacac	atcacaggto	cgcgaagtaa	actctaata	gccgccagcg	360
ccatctgaac	tttaattctt	ctctgttgcg	ccaactagag	cgaggcaggc	gtccgaacca	420
caaatctagt	gagaacgggg	cttcattccac	gagcagagat	cggcgccctt	aaccgtggcc	480
gacctctgct	cgagcgatac	cccccaattg	tcttagctgt	cttcttgcca	taccttttta	540
attagcttct	cacttttttg	actcggaacg	accttaattc	tctatattct	ctcttctggc	600
cttgagggtg	ttttaaacaa	gcctgtgggg	ggaacaaacc	attttcgcca	cttcctgata	660
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<210> 5527

<211> 714

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(714)

<223> n = A,T,C or G

<400> 5527

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ggaccaattc	aattcaactc	aatcaaacac	ccaaaatgtc	ccaagatccc	tacacgccac	120
ccccctccc	caaacctctc	acaaacacaa	ccccaccacc	aacctctctc	acccaaggcg	180
ccgaagccca	cctctacaaa	acaatccacc	taaataccaa	cacgcccgca	gcactgaaaa	240
tcngaccctc	gaaaccttac	cgccacccca	tcctcgaccg	ccgattgacc	cgcacgcgca	300
tcctccagga	agcgcgggtg	ctgggtgaagc	tcgttcggga	gggcgttaal	gtgcccgcgg	360
tgctggcggt	ggattgggaa	ggacaagggt	gggagaatgg	gaatgggggc	gcgtgggtgc	420
ttatggagtg	gacgcagggg	ttggttgtga	gggttggttt	tgagaggtgg	gaggcgttta	480
tcaaggcttc	tggggggttcg	ttgggcgaga	aggagctacg	ganggaggag	gagaagggtta	540
gggggttgat	gaggcggatt	tgggtgnnng	nngnngggnn	nntnnggggg	ggtntntntt	600
gggggtgtgn	gnnngtntnt	ttnttttttg	gggggggggt	ggtggttttg	gntttggggg	660
ttgtgggtgt	tggggggggt	gggggttttg	gggggtttta	aatttggggg	tgtg	714

<210> 5528

<211> 677

<212> DNA

<213> *Aspergillus oryzae*

<400> 5528

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gcaaagggtg	gattccggtc	tggcgggggg	agacaatacg	agggagctga	gacgaagcga	120
ggggtctctg	agcgcgaggg	gtagcagcag	tcgagaaaga	agaagaagac	gaagaggaaa	180

tgtaagaaga	agaagagcag	gagatcgagc	gataagcggg	ggaagagaga	ggggcagaca	240
gaggggaggg	gacagcgcg	cgaaccgacg	cggaatggag	ccgaagggaa	ttcatcattt	300
tgatcggacc	tgatgccttg	gatacccaag	cggattaacc	atcggtaatc	gcaactccca	360
ggaaaactcc	cctgcttacc	tattcaggtc	tggggtacac	caaaaggcga	ataatgtata	420
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ctccggaaaa	tatgttagtt	cccaggtgga	acggtgatta	gtcgtcgaga	tctgggggga	600
agtaaaggaa	aagagtacag	gagagaagag	agtttcgaag	gataaaaaaa	gtgaccaagt	660
cacgacttta	tctggcc					677

<210> 5529

<211> 648

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(648)

<223> n = A,T,C or G

<400> 5529

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gcgccccag	acccaatggg	ttagcttcat	tgacgatgac	actttctggt	tgtcecttcc	180
cactgtcgcc	gaggagctga	agcttttcga	tgtgaccaag	aagcactata	tcggctccct	240
gtcggaaagg	cactggcagg	ttgacacctt	tggtcacatt	gcctttggcg	gtgctggtgt	300
tttcgtgtct	aagcctctcc	ttgacgttct	cgaagaatat	tacgacgaat	gtcagtcctg	360
gggtgagcag	cctggagacc	agaagctcgg	acagtgcatt	cagagatacg	gagatactcc	420
ccttaccctt	tgccctctct	tttaccagat	ggacatgaan	ggtgagggtg	acggcgtgta	480
caantcgggc	cgggaagaatg	agtcctctca	ccactggaac	agttggtaca	ctaaggacgt	540
tgtcaagatg	acgaccgtgg	cancggccgc	cggtcgcggg	tcantgcttc	gtcgtcgggt	600
gtttgaccag	gaaaagaatg	ccataaactc	accggcnaga	gcacccgt		648

<210> 5530

<211> 699

<212> DNA

<213> *Aspergillus oryzae*

<400> 5530

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ctgtcgtcgc	caaccgggtc	ataccagggg	aagatggtag	ctctactccc	actcccactc	120
cgactatttc	aagtagtaca	cccatctctg	cgccatccga	tgcatgcgcc	acctcatcaa	180
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gggacgaccc	ccacacaggc	ccagtgaacca	cgctatgtga	cgggatcccc	cgagccctgg	480
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cgttcgagac	caccacaacc	ctagtctatc	gatccccatc	accaacgccc	agctgctcgc	600
ttaacaccca	agaatgcatt	ccctatcttg	caaacctaca	caaactccgc	gacgcctact	660
acgcctccat	cacaaccgca	acccccaggc	gattacaac			699

<210> 5531

<211> 1140

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1140)

<223> n = A,T,C or G

<400> 5531

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agcaaagacg	aattgtccaa	gttcggctgc	acgtcttgtg	gatataaatt	gacattccac	180
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gcacagaaaa	tcattgtcatt	cgcgaccccc	tgtcaccga	cctgggcaat	gaacaatgcc	360
gcaaactctc	cgagaacttc	cccttccatg	acaagatcga	tctcgtaact	gcttctcccc	420
ttcgccgtac	catctacacc	gcattgcaga	gtttcggggc	cgtcttcgaa	gcgcacaagg	480
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aataccaagg	aacggcctgn	gctaaccnng	aataccgtac	ttacgaatto	tcctctgagg	840
cccacaagac	tgatgtggaa	ggtcatgagc	tcgagggcga	ggacgcaacc	ttggttgaga	900
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aggctctgta	caagaaaagga	atccaggggt	gggatgacct	aggtttgcaa	ctgagcacgg	1020
ctgaactgta	agcggccaat	gttccagagg	gcaaagaagt	tgatggtgtc	cgtgtatgag	1080
ttgtgggaaa	atatcctctc	cttgtcgata	tctttttgta	gatagtggta	gatgctttgg	1140

<210> 5532

<211> 712

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(712)

<223> n = A,T,C or G

<400> 5532

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tcgctcgaga	tctggacaca	ttcgcgcagt	cacctgccac	atcctcgccc	gcattacaag	180
gccagatcgc	agcttcaact	gcttcccttat	cgcgcaccgt	cgatgactac	tcagctctat	240
cgaagaaaga	gttgataccc	gaaaaacaac	aaaaggcggt	tgagagagta	aataattttc	300
ggtcggagct	agcagattac	cgactgcatt	tcgataggct	acgcaaagaa	cgagaggatg	360
ccccatccgt	gacaaaccgt	aatgaactac	ttggtcgacg	tcacatcac	acagcgacac	420
cgcgagaacc	atacgcccaa	tcttcccttc	ctcagtcgtc	ggccttcgct	ccatcttcgt	480
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gacgtgctgt	actagcggat	cttgggcanc	ancgagaggt	gtngaaggga	acgcancgtc	660
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<210> 5533

<211> 679

<212> DNA

<213> *Aspergillus oryzae*

<400> 5533

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<210> 5534
 <211> 1543
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
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 <222> (1) ... (1543)
 <223> n = A,T,C or G

<400> 5534						
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<210> 5535
 <211> 616
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5535						
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tactactaca	acattccgaa	acgtgtctga	agcgatcaag	atggaggcca	aggcaagcaa	180
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catcagcagt	tcgaccacga	cgacggagaa	ggaggatcct	aaggagctgc	gcaaggaggt	540
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616

<210> 5536

<211> 1148

<212> DNA

<213> *Aspergillus oryzae*

<400> 5536

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<210> 5537

<211> 115

<212> DNA

<213> *Aspergillus oryzae*

<400> 5537

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<210> 5538

<211> 655

<212> DNA

<213> *Aspergillus oryzae*

<400> 5538

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ccatctgggt	cctgttttgc	ctggaggcaa	gccattcacc	cagccagatc	tccgattgct	180
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<210> 5539

<211> 639

<212> DNA

<213> *Aspergillus oryzae*

<220>
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 <222> (1)...(639)
 <223> n = A,T,C or G

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ggcatgcgac acttcttttcg gcgaatcttt ggattccgtc aacattcttc tcctcacaac      180
tcaccccaga gacgcagcat gagctcctct accgtggcag ttcttttacgc cctcacactt      240
tcagtacctt caattttccac aggtcccgag gatgcgaaag agaagaaaca ccatgtctca      300
gggggattca cgaatccatg ggattcatac aagacccctg ctgttcagcg cttttttctg      360
cgacaaataa atggtagacg aaaccgtcct gacactacac ccccaaccgt gcctgtccga      420
aaaccagagt tcctgcccag tagagaaact cctaagttgc gtgcgacgtg gctaggtcat      480
gucgtttact atgtcgagta ccccgagggg ctgcgaqtac tgtttgaccc cgtcttcgag      540
gaccgttgct caccgatttc ttgggtgggg ccccgaggtt acactgaaat gccgtggtda      600
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<210> 5540
 <211> 1266
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1266)
 <223> n = A,T,C or G

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ccggcgaaca acgtcacgcc tcataccaag ccggcaccat tggacaccat ccccaacata      180
gactcaatcg aaggcacagg gactgatgga ggcgacgaat atgctacttt gaagaaactc      240
cagagacatt tagaatacat ccagctccag gaggagtaca tcaaggatga gcaaaggagc      300
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gaccgaaaga tcgagttccc ctctcttcgt gatcggcgag agcgtcgggt gattttcacc     1140
accatcgcat cttaagatgtc cttgtccctt gaggtcgacc ttaactcctt qattgtgcgt     1200
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<210> 5541
 <211> 620
 <212> DNA
 <213> *Aspergillus oryzae*

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<210> 5542

<211> 1486

<212> DNA

<213> *Aspergillus oryzae*

<400> 5542

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<210> 5543

<211> 1176

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) (1176)

<223> n = A,T,C or G

<400> 5543

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<210> 5544

<211> 677

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

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<223> n = A,T,C or G

<400> 5544

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<210> 5545

<211> 547

<212> DNA

<213> Aspergillus oryzae

<400> 5545

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acctacaaga	agttcttaca	gctgtcttcc	ggtgataaga	agaaagcggg	cctaacttat	180
agcttcaaca	tggaggcggt	cctgaagagc	ttgccaggcg	agcacgctga	atatgctgog	240
gtagtaccgc	aaacacaaag	cttcaatgaa	ttcatcagtc	aaaagaaaaa	agtcattccc	300
agttccaagg	acccaagaat	ggcacttttt	gatgagatly	ttttgtctaa	acgtaatcgt	360
ggggggactt	ctttcttctc	cagccgaatg	cagacagatt	tcctttcgga	tacgtcgaat	420
catctctggg	taactgccag	tgctagtctc	ttcggctccg	gtagcagggg	gcaacaaggc	480
ctttctgggg	attatacccg	tgtcggccct	taacaccacg	ccaacttgat	aattgcttga	540
taaaaagg						547

<210> 5546

<211> 659

<212> DNA

<213> Aspergillus oryzae

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<400> 5546
ctccccagcg tgggagcccc gtcaacggca ccaaccgcta cataacttcaa acttaccgcg      60
agacatcaaa tattcctcat tgttgcttaa tatecagttc cagtatttca aactgtatag      120
ttagtcggag agcggcaacc cttcaaaaat cgggcttgag ccagaaatct cgaagcttgt      180
cctaggtcat ggatctgac accatccaag attacacaag gtctacacaa aaatggatga      240
actcacaagg tggcagcgga atgacttgga aaagttaaac attgaaagcg ctgttgaatt      300
gagtgcatac ataccagagg cagttctgcg ggcggaacta caccgaagaa gtgggatcag      360
agactctgac aatgataagc catcgtgtgg ctogaaggat cgaggtgttt acaacactcc      420
agtacatgta atggcactgt tcttcattct actgctgagt acttttagctt gttcattccc      480
tgtacttgcc cgtcgggtcc cactgtctcc aataccacgg cgttttcttt tcctttccag      540
gcattttggg acaggtgtat tgatagctac ggccctcgtc catttactcc ctacggcggt      600
tgtgtccctg acagatccat gtctttctcg attttggagt gaatcatacc ggcctatgg      659

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<210> 5547

<211> 666

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(666)

<223> n = A,T,C or G

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<400> 5547
ctgttctagt gaaaagcttc acgtcagaaa gccaaaaact cttttattat cagactatct      50
ctcttattta cgatggctct actogaactt cccaacgaat tactacttca gattatcgag      120
aacctggaga gcgagaaaga tattctttct attttgttga caagccctcg aatatatgct      180
atccagcaag cgggcccctct atacaaacac aacatccaat tctccgcgag ctcagcgctg      240
ggatggtatt cggcgagagg gcgtatatca gctgtggagg cactgctcga aaagggcgct      300
gacctagaga gcagatgcga tgttggtggc acacctatag tatatgctgc taagtacgga      360
catgagagtg cggtcaggct gctgcctgaa aagggtctta tagtaaateg acccactttg      420
tgctggcccc gctggacgcc actaagttgg gctgttcata atgagcataa ggatgtggtc      480
aggctgttac ttgagaaagg ttctgatccg aagttcaagg gtacggaata tgacgagatt      540
cagttattag gagctgcaca atttggagat gcgaaatttg ttaatctact gctcgagagg      600
ggcactgacc tanaatgcaa ccactatctc ggtcgcacac cattgagcaa tgggtgcttgc      660
catgga                                     666

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<210> 5548

<211> 537

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(537)

<223> n = A,T,C or G

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<400> 5548
cgaggctaag ttgaacgcac ttggaaacta cctaagctca gataaagacc cattgcaccc      60
cttcgcgcag aaggatgcgg acatagacag cgtgatcgag cctatccctag tgggctatgg      120
aaaqcgacac ggtatcgaaat tggaaagaaat tccagaggct ttccacccaa tcgccggaaa      180
gaatcaaatc aaagatctgc acaaaaacta ctttgacgac gaaagttaca ataaaggtea      240
cggccatgta tacgaataac tcggtatcag ccccgagaaa ggtgcagttg tgattgtcaa      300
annngatcaa tatgtctcgg cegtgattgg actggacgat taccggcaga taggcgcctt      360
ctttgaagga ttcttgatgc ctcaagggtga atccgcctct ccggagagna aattatnagg      420
ggttgcccctc attggatgtg catactatgt gataaaacac attcagatat gacgatcatg      480
aacatgaaca atnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnttccct      537

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<210> 5549

<211> 616
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(616)
 <223> n = A,T,C or G

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<400> 5549
gcgtgcttgt agacgatata ttgactatct tcgattacgt tatagtctaa ttctccagat      60
tcgggcattt ctgccatggc tgaagaagac aaatccaata ccaacaagat tacctcgggc      120
ccatatagtc ctaagccgga gtctcctacg acggcacgcc ctctagattt tgatgatgaa      180
cctcaagaat ctggcattac ctcggtgtct gcagctgtag ctcagcagca tgcgacagac      240
gttgccccgc agaagccgcc gcgtccactg agccccgaac aacagtccga aacaaccctc      300
aagaagcgt ttccaactat tgaagtgtca gtaatcaagg cagtcttggg agcgagcaat      360
tgggacgttg aacgcgcttt ccattgctct cttgggtatga ctgaccccag cgtgcccag      420
caagatgttc ctctccaaa gccacctcgc cctctgcaa cacagagaca gttggaagca      480
gatgaattgt atgctcgcca gcttgccgag cattacaatc gccgtggacc ccaatccccg      540
ttggagggtg gtcattcata tgatcggncn naaaggacag tgagctgttg gaggacagag      600
agtatagttt ttttgn                                     616
```

<210> 5550
 <211> 671
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5550
ctctgaactg tcttcttgac atccatccac ccatacatca tacacaatgc ctctcaaccg      60
ccagttccag cccaacttca ctccctatgt gatcaactcc atgggaccca agacccccga      120
ggcactcgt gtgctcctgg gcgtctctat caagcacatc cagcatttcg cccgcgaggt      180
cgagctcacc ccgcgcgaat ggatgcttgg tgtcgagttc atcaactcca tcggcaagat      240
cagcactccc atccggaacg agtgccaccg tatctgcgac gtgatcggtc tggaatccct      300
tgtcgatgag atcgccaaca agatcgtcac ccgaagacgg tgtctccccc acctccaacg      360
tcattctcgg tcccttctgg tcccccaacg ctcccttcgg cgagctcggc gacagcatca      420
tccaggaccc caaccttaac ggcaaggtoa cctacatgca cggagtcctc agggacatgg      480
agaccggcaa gcccatcgag ggcgccggtc tcgacatctg gcaaagcttc gccaacgggc      540
agtccacttt caggacccca accagaccga aaacaaactg cgcgcgaagt tccgctccaa      600
caagaaaggg gattctcggg ggacttggtc caaccacccc cttatttctt gtccacctac      660
aggccacag g                                     671
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<210> 5551
 <211> 651
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(651)
 <223> n = A,T,C or G

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<400> 5551
ccacaatggc tactcatctc aacttcgtca cccttgacgt ctttaccacc acgccttcca      60
agggcaaccc cctgggtgtc gtccaccttc ctctgggggc cccgctctct caggcccaga      120
aacaggccat tctctgagaa ttcaaccttt cagaatcagt tttcatacat gatgtcgacc      180
caagcaacga ccccgacccg cacacccgcn gcattcgacat ttccacgaag aacgaggagc      240
tcccccttgc cggccatccc accatcgcca cggccagcta cctccaggcg caagggatca      300
acaagctcat caccgaaggca ggtccattc ccattccgctc cgatgcggga gaagggtcg      360
ttagcgtcgc tattccgcac gacacccatc tcaactccaa ggttctcggc cacatcgagt      420
caactcttcg tgcgggaccgc ctgcattcca cccccgagat tcgctcagca gagcttcaag      480
```

ctcctatctt	cagcatcgtg	aaggggatga	cttttgetct	tattcccttc	ccgagtcctg	540
atctgggtat	tcaggtttta	ccaggcgctn	tcccttggtg	aatgcgcgac	ctttgtgatg	600
tagaatggag	tgagacgttc	atcggggcgt	actattatgt	tattttcggg	g	651

<210> 5552

<211> 1294

<212> DNA

<213> *Aspergillus oryzae*

<400> 5552

cacactttga	ccggaaatac	tgcctcagc	ctctgctttc	acagggttcg	tcaatcttac	60
gtgcttacgt	ttacgtatct	acattgaagc	gattcccat	ttacgtcacg	cgactataat	120
tctgtcgact	gtttcacacg	atcactgcc	cacagagagt	ctgacacaa	ggccacacca	180
ccatcgatac	ccaagactac	ccacaccgcc	acatatgctg	gcatcaacc	aactcagccg	240
ggcctgtcca	cggcgggcaa	ggttgtgctg	alcactggcg	catcaggcgg	catcgccga	300
gcccagagcc	catecttgcg	tgcctcgggt	ccccagagcc	tcatectcct	cggtcgacgc	360
gcccagcgcg	tggcagaaa	agccacgatt	gttcgcacaa	gtcacgcaga	ggtgacgatt	420
caaactcacg	aggctgagct	gtgcgatgct	gcgagcgtac	gcaatgccat	gaacaagggtg	480
gctgcggagt	ttggcggcat	cgacatcctc	gtccattgtg	ccggcgctcct	ggcccccgctc	540
gtgcctcttc	tgggaagcga	tccggctacc	ttcttggaag	gctacaagac	caccgttgctc	600
ggtacactgg	taacggcgca	ggctgtcgtc	ctggcaaa	ggaccgtcag	tgccagcgag	660
gacaagccag	tcacctttat	caatctcacc	acggcgggca	tctgtttccc	cccattcccc	720
ggcatgggag	cctacgtgag	cagcaagatg	gcgcgcgtca	agctcttaca	gtcctttgccc	780
accgagaatc	cgcaagtgcg	tcttcacaat	gtgcctcctg	gactcctcag	aacggccatg	840
tccggccaagc	tggcagagac	gatccaattg	ccatatgcct	atgatgacat	cactcttccc	900
gccgatttcc	ttgtctggat	tgcctctccc	gaagcggagt	ttctcaaaga	caaaatcgctc	960
ttcgccgctt	gggacgttga	tgagctcaag	gctcgccaga	gggagattgt	cggcggccccg	1020
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cctttgtcag	gaacccagta	ggcgaccggt	acatgtatgg	gaagtcgccc	atcccagatc	1140
aaggggacta	ttgcacgcga	gcgttgatca	tacaagtaga	tgaacgataa	attcacacat	1200
tagagcgcta	gcgcaaatg	ttgcaatgaa	atgaatgcta	gaaagtatat	tgctccgacg	1260
aaaaagacaa	aaaaccacgc	tatccaaaat	tctt			1294

<210> 5553

<211> 638

<212> DNA

<213> *Aspergillus oryzae*

<400> 5553

tccgggtcagg	aaactcgtat	ttagcgcagt	gagctgaact	ttgagactgg	cacctgtcat	60
tgaacgtctg	tcattgatgg	gcttcctccc	atcgcggaag	ccactctaca	agctgcgctg	120
attaatgcgg	gggtcaaatat	actggcacag	agcatccagt	catatagaga	tgagaaaccg	180
ttcgaaactgg	atctgcaaac	actgtttcaa	ttcacaacat	gtgcctttgt	gatgtcccc	240
atgaccttcc	tgtggtttga	aggtctggaa	tcagcacttc	caggtcatac	tagcgaggag	300
cccgccgcca	ccaagtcaac	gaccgaaaag	gcggataagt	tcaaacaaaa	gaagttaaat	360
gtgaaaaaca	cggtggcaaa	ggttgtgac	gaccaagtgc	tcggtggcgc	ctgggctacc	420
gtccttttta	gtttgaccat	gggactgctg	cgtgggcaag	agtatgatgt	tcttatggac	480
cagattcgca	aagattttctg	gcccctcctg	atcgcgggat	ttaagctatg	gccattgggt	540
tcaatcctga	attttaactgt	cgtcccagca	gataagagac	tcttggttgg	tagtatattc	600
ggtgtcgtct	gggtgtggtta	cttgagcttg	atgtctgg			638

<210> 5554

<211> 637

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(637)

<223> n = A,T,C or G

<400> 5554
ctctgggaag cactggtagc ccgctattca cagccgagcc tattgtagag gtcgcaaaga 60
aaaagggagt cacccccgcg acgggttctt tcagctggca cattgcccgt ggatcctccg 120
ttctcgccaa gtccgtcaca ccttctcgta ttgaggacaa ccgcaagttg gttcaactcg 180
acgagtcgga catggctacc attgccaaat acaccgacga cctcgctgcc aggaaagcct 240
tccagcgctt cgtctaccct cccttcggcg tcgacttcgg attccccgac aagtcataaa 300
ctgtttggag tctacctacc aagcatctcc tggcacatat gaccaccgga tgcgaaaagc 360
agggttttcc atccaccttg ccatacctct actatcgtga atagacaggg caaaatctca 420
gtgaaccatt aggcttatta ttcccttata gagaggcggt atgtgcccgt tagtggtgag 480
tgtggacgat ttgagtgagc attgtataac agcctgggga gcctggataa atagtnttga 540
ttctttggat ttgtttatag atagacgaca tatatccctc atgaatgatg ttccaggaag 600
cttctccctt gcttgggtca attgtctatg cttagga 637

<210> 5555

<211> 1495

<212> DNA

<213> *Aspergillus oryzae*

<400> 5555
ctcgtcagcg cctactctgc tgetggcctg ttggcaatca tcgtcctaaa tctgttgccg 60
cagctcctct tccgtaataa gactgatcca ccccttggtt tccactggat ccttttcctg 120
ggtagtaccg ttacctatgg gatggacct tatgcgtttt tcttttcttg cagacaaaag 180
tatggcgaca tctttacct catattgctt ggtcgaaaaga tcacagtgtg tctgggcatt 240
caaggcaacg aattcattct caatggcaag ctgaaggatg tcaatgccga ggagatctat 300
agcccgtcga ccacgccagt ctttggctcc gacatttgtt atgattgtcc aaattcaaa 360
cttatggagc agaaaaaatt cataaagttt ggccttactc aggcggcact ggagtcgcct 420
gtaccattga ttgaaaaaga agtgcttgac tacctcaaga catcccccaa cttcaaaggg 480
acatctggca gggtcgaaat caccgatgcc atggctgaaa taactatctt cactgccggg 540
cgagcattgc aaggcgagga ggctcgcaaa aagctcacta cagaattcgc agacttgtat 600
catgaccttg atcgggggtt cactccgac aacttcattg ttccgtgggc accgtgccg 660
cgtaaccgga agcggggtgc agcccatgcg cgcattgagg agatctatat ggatatcatt 720
aacgagcgcc gcaagaaccc agaccgagag acctcggaca tgatctggaa cctcatgcct 780
tgtacctaca agaattggca gcctctgccg gacaaggaga tcgcccatat gatgatcact 840
ttactaatgg caggtcagca ctcactcgta tctatcagct cttggatcat gttacgacta 900
gcctctgagc ctgcagtcct ggaagaactc tatcaggagc aaatcacaaa gctcagcccg 960
gatggaagaa ccttcccgcc actgcagtac cgcgatctgg atcttttgcc ccttcactca 1020
aatctcatca aggaactct gcgcttacat ctttccattc actctctcat gcgcaaggct 1080
aagaaccgga tgcgggttcc tggcacacct tacgtcgtcc ccgcagacca cgttctacta 1140
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ccccatcgct gggagaaccg ggttgaaaag gaggatgaag aggacattgt cgactacggc 1260
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cgctgcattg gagagaagtt tgcctacgtt aatctaagag tgattgtggc gaccatggcg 1380
cggcacatga agctattcaa tgtagacggc aaaaaagggg tacctgccac agactacttg 1440
tccatgttct ttctgcccct cgaaaccaac caatatatgt tgggaacgac gcctc 1495

<210> 5556

<211> 413

<212> DNA

<213> *Aspergillus oryzae*

<400> 5556
gtgcctcgcg tttcatggag atgatgtgtg tcattgtcac aattggaant gcgatccaga 60
ctgcttcggt aaatattggg atgttccttg caggcccggt attggccggg tatgctgttg 120
gggagattgg ggcgaactgt cccatttact tgagtgagat ttctgacccc cggtatcgcg 180
gtctcatrgg tgggatctcg gqatgcggga tttcccttgg taactatggct ttccattggg 240
ttggatacgc ccgcagcttt gcaccggatg ggcagtcaca atggcgaatt tcaactggaa 300
tttcaaatte cggcggatta attatgttct tcgggttgaa acaccttatg cctaaattct 360
ccgggggaact ttgcttccaa ctgggaacgt cttgccgacc actctaaata act 413

<210> 5557
 <211> 684
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(684)
 <223> n = A,T,C or G

<400> 5557
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 gaactcatta cgacaatgct cacttgctcc gaaattgaag gtggacggaa atcgacattc 180
 atactgcata ccattcaatt gattcttccc aagcttgaag ccgctgttga agaggatctt 240
 cctgaggcga ccgaactagc acgcttagct gaagttntag ttacaaaact ggaatcaagt 300
 gcaacaaaag caaatctggc cgggagaagt ggggatgtca tggatgagaa gctccatcaa 360
 ctcttccaga tctgtgttag aggtatcgct ctggcgacag gaaatgttaa tctccgagaa 420
 actttctaca acatatgctt atcctacatc gcccgatatca tccagcccga tacaggacac 480
 gagagtatca aacagcatag ccatacagatt gtcaagatgg ctggcaccac actgattgaa 540
 ccgatatgag atgatgcata tgctggtcag gagacatgtc ccgtgtctgc tcttatggtc 600
 ctcaatttcc tggcgacctt cgtaaaccag gggagaatca atttggcttg agtcaatttc 660
 ccagtcfaat aactaaaatt tctt 684

<210> 5558
 <211> 721
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5558
 aatataacgc caactccacg gccgcggtct agacgtcttc atcaacaacg caggaatcca 60
 acccgtgacc aaggggagggg cagaatacat ggataatctc accgaaacat tcaacacaaa 120
 cgtaaattgca cccacgaag taatccgtac attcctaccc cttctccgca aaggagaccg 180
 aaagggttatt accaatatat ccacgacgtt aggtctctata ggacggcgt cacccttcat 240
 ggcgaaattg actccggcgt ataataaac caaggctgcg ttgaatatgc ttactgtgca 300
 gtatgcgctt agtcttgggg atgaggggtt actgtctttt gtctaaacct ggggtggtta 360
 aaaccgacta gggggaccaa aaacataact ccccgtttca ccggtgcaa gcaatggcaa 420
 aaataatctt taaggccaat cccaaaaaac aaatgggaaa ttccctatata gtaatatccc 480
 cagggttgata aacataaaaag gggttatata tattcaaagg gtgcgaaaaat ccccttgtga 540
 tgattacgga tgacataaat aaagtttttt taccacggac gaccgggtggg atataaatca 600
 attattaact atatccctgt ctacgtatac taacaattaa taatgtatga agacatatca 660
 tagaatagat atagaatgat atataactaa agcttggcgg atgcacatt ggatctaacc 720
 a 721

<210> 5559
 <211> 664
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5559
 gaacccaact tgttgtgtgc gtgtctttcc ttcacclacc tctctcttta gacatttcc 60
 ccccgatatat catcccatat cgagtaaagg attgatccac ggttccatcc gatctagaag 120
 atccaaggaa tccaacactc tggttctgga tctctctcgt tgcgttccct ttccaggatt 180
 ttggttctcag cctcgtttgt tacgatcctc aagaactgac tgtacaccgg atcattcgct 240
 ttaagcgcgg ttcgctatct ctgttagtcc aaagttttca aatctcgcct tcggggccgt 300
 ttacgtcatt gtcatactc taccgaaatt cctacaatcc tggatgaatc gtttgcacgc 360
 agacacaaag ccatacctac ccgcattca accagaacga atcgcggaat ctgtttctct 420
 atcagaatct ccattggcgt cgaacttgct taaagcgttc caaaagtatt tataaaatgg 480
 gagcgtatcg tttgaacgaa ttccacgaat atggtgcagc aacttctctt ccaaggaagt 540
 tcaacgaaaga tcccttccaa cgtttccgac caatatgaaa ttcaagatgt caattggtga 600

aagtgcctac	agtgttgggtg	tgctctgcca	tcacaaaacc	aatctgggtca	aaaaagtcgc	660
catc						664

<210> 5560
 <211> 698
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5560						
gcatggctat	atcacaattc	ggcacgaggc	attatcaacg	tctactcggt	ctgttataacc	60
aaccatagaa	tacactacgt	acgtctttat	atcgggtttct	gcatgagagc	aagttcattc	120
agatagtacc	gagtatacca	cggcaataat	gtgcggatcg	gacatcttcc	tcgcgatcct	180
cgcgatattc	ttcccacccg	tttcagtatg	gatcaaagta	ggcatttgta	cagcagattc	240
gatcatcaac	cttgcccttt	gttgtctcgg	ctatgtgcgc	ggcctactac	atgcctggta	300
tatcattctc	aaatatccag	agcaggaccc	tgatgatcca	tattacgaac	cggttcccgg	360
taacgcccat	cgaagggaag	tggaaaaagg	ccatgtgaca	tactactacg	tttctcatca	420
acagatccag	cacccgtctc	agagaggcta	cggcactgtg	gnaccaacta	cggcgacacc	480
ccccctgcaa	caacaatcac	agtcactccc	taagccccag	aatgagcccc	cagccggtag	540
cagcggcgat	caaacacagg	gtgattcgcg	accaccaccc	acgtatgccg	aagccgtgaa	600
gggtgaccat	aaggtacagg	actgattcag	gcatgcgtgg	aagtccttcc	taccactatc	660
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<210> 5561
 <211> 672
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5561						
cattttcgac	tgaactctctg	cctttgcgtc	agtgttagat	cggcattagt	agtattttcc	60
acctttactg	cctccctcct	ttcgccatga	cgatgcgaga	atatgctggt	ggggaccagc	120
aaaacccccc	cggctatggc	tatgggggaa	acaacaacta	ctatcctccc	cagccgaacc	180
gacaaggcaa	cccctctccc	cagtcctata	accacccgaa	ccccagccgc	tacaatccgt	240
accctccatc	tggttcaaac	ccttcgcgag	caaattacaa	ctacaattct	gggaatcagt	300
actacccccc	gcagaactga	tatcctcagc	cgcagccatg	gggtggaccc	ttccctccgc	360
ccgggaacta	ctaccagcag	cgggagaacc	gatcatacca	taaccctcca	tatgggggac	420
agccaccata	tccccattct	gaatccccgc	ggcccaacca	gacggacgcc	taccctccta	480
aacctatccc	tcctccctcc	ccgcaacagg	gcggttacgg	ccaatacccg	ccggcgccac	540
caccatattc	cctcagcccc	accggtagca	ccgatacccc	gaatgctgaa	acggaagaaa	600
ggacagagga	ttcctcggtg	cggtcgcggg	cggggcagct	ggtgcctac	ggtgggtcata	660
aagtcaatca	cg					672

<210> 5562
 <211> 702
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(702)
 <223> n = A, T, C or G

<400> 5562						
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tcaaaaaaac	atctacattc	tatacacaac	tccttcaaaa	tgcagttgac	tctttctcac	120
agcctgcttg	tcgccaacct	cgccctggct	gctcccacga	tcgacaacct	cgtctcccag	180
ggggaaggta	tcgcccagat	cggcgagacc	ggtgctcccg	ggcgtgcctc	atccatccac	240
tctgcgcggg	ggcgcgcggc	ctccagcgca	gagagctggg	gctcctccgt	cgtttccgac	300
gcccagagca	gggcctcttc	catcgcatcc	gagggcagct	ccaagctgag	cgacagcctg	360
accacccctg	ccggcaccac	cggccagccc	acttcacccg	gcctcgtctc	taccacctcc	420
ggcagcggaa	ccgaqaccac	cactgccaca	agcacctcca	ccaccggtae	ttttttctcc	480

tcttctctctt	cctcctcagc	tggcagtgcc	tctccacca	gcagcgacgg	tgcaggtgcc	540
atgcccactc	ctttcagctt	cngtgccggg	tgtcccgggtg	tcgccgggtgt	cctgggtgtc	600
atggctgtct	tgtaaacgaa	ccacgaataa	catgctagaa	ccgtcgctat	ttttggtacg	660
aaatactatg	ttacactata	ccatgaatga	aggcggaat	an		702

<210> 5563

<211> 1291

<212> DNA

<213> *Aspergillus oryzae*

<400> 5563

cactcaacta	aaatcatcac	aatgggttga	atggggccaca	aacgtccctc	atcctgcaag	60
ggatcgatgc	atgagctgcc	ccagaacctg	ttggagcaga	tcaagcaatt	cgaggacatc	120
tttaccgtgg	acggcgccaa	actcaagcag	attgocggacc	atttcgtgaa	ggagctcgaa	180
aaggggtctaa	gcgtcgaggg	gggtaacatt	cccatgaatg	tgacctgggt	catgggatcc	240
ccgatggcg	acgagcaggg	aaaccttctc	gctttggaga	tgggcgggtac	taatctgcgt	300
gtctgtgaga	tcactttgac	ggaagagaag	ggcgctttcg	acatcaccen	gtccaagtat	360
cgtatgccgg	aggagttgaa	gacgggtaca	gcggaggagc	tttgggaata	catcgccgac	420
tgtttgcagc	agtttattga	atcccaccac	gagaatgaga	aactgtctaa	actgccattg	480
ggctttacct	tctcctatcc	tgctacacag	gaatacattg	atcatgggtgt	tctccagcgt	540
tggacaaaagg	gtttcgacat	tgacggagta	gagggccagg	atgttgtgcc	cccattggag	600
gcaatcctca	agaaaagagg	ccttcctatc	aaagtgtgtg	cgttgatcaa	cgacactacg	660
ggcaccctga	tcgctcttcc	ttacaccgac	tcagatatga	aaattggctg	cattttcggc	720
actggtgtca	acgcgccta	catggaacat	tgtggctcgg	ttcccaagct	tgacacaaag	780
aatctacccc	cagacatgcc	cgtggccatc	aactgcgagt	acggtgcctt	tgacaatgag	840
cacgttgttc	tgcctctcac	gaagtatgat	atcatcatcg	accgcgactc	ccctcgccca	900
ggacaacaag	ctttcgagaa	gatgactgca	ggtctttact	tgggagaaat	attccgtcta	960
gcccctcttg	atctgtttga	gacgaggcct	ggtctgattt	tccagggcca	agacacattc	1020
caactccgga	aaaccttactt	gctggacgcg	tgcttccttc	gcactatttg	agatgatccg	1080
tacaagaact	tgtaggaact	tcaagagctc	atggagcgca	agctgaacat	tagggcacc	1140
atcaggaaact	ggaaaagatc	cctcccttgg	gggaattgat	atggactctt	gcaccacggt	1200
ttaaacgttg	gttggggagg	cacctcgag	atcacaaagg	ggcatctttt	tgtgtaagct	1260
ccctcgtat	agggactcgt	ggtttactcc	c			1291

<210> 5564

<211> 660

<212> DNA

<213> *Aspergillus oryzae*

<400> 5564

ctaaagctga	tgaggaggag	ctgctacaga	accttagggc	tttggaggcg	aagaaaggca	60
ttcgcagtca	ggatgacgac	gatgaaatgg	aactcaatac	tccccagtt	gaagaggagt	120
ctgataagcc	cgagaagcct	tcgattgttc	qcttcgaaat	gcctcatatg	cggttcaacg	180
cacagctcac	tgtgcaagat	gatactctgt	tcactctcgg	aggtacctat	gagaaagggtg	240
atcgtgaatt	tacgtttaat	gacatgtact	ctatcgatct	cgtcaaactt	gacgggtgtca	300
aggagatctt	ctataacgaa	ccagagaact	ggaatctcct	taacgaggag	gaagagagcg	360
acgatgaaat	ggacgacgac	gaagatgatg	aggaagagga	ggagggagat	gaagaggaag	420
atgcgatgtc	actggatact	ggctcccccg	ctcctacaga	gacaacgggt	ccgtctgtga	480
cgcaagaaat	gggacaactc	gaggtagagg	agccagaggg	agagcaatct	gtacagggta	540
gtaggcctct	tcccggaact	tcgaaagctt	gcgtgagctt	tccaaagctc	gtctgaaada	600
tggcagaaga	ttttgcttga	aagggtttaag	gaaagggttt	ggagccggga	tgaatattac	660

<210> 5565

<211> 715

<212> DNA

<213> *Aspergillus oryzae*

<400> 5565

gaagcctccc	tatggacaac	gctttgggtg	acctgggttc	cctcctggtc	caggggtccc	60
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gccaggccaa	tttctctccc	agatgccaat	gggtcctgga	ggccagcatc	agaccccccc	180
tccaccgcgg	ccgatgcccc	gtgcgggtcc	catgaacatg	cctaagaaca	catccgaact	240
accctctgat	aagccctcca	gtaagcctgg	tagccgtaat	ggcacgcctg	cacctagtaa	300
tgcggcccaa	aatgccccca	cgccgcccgt	tgagtctaa	ccgccagttt	cggaggctct	360
tcaagcggcg	actgggtcta	ctcaagttac	ggctggcact	gctaaggcgc	cacccactgg	420
acctagaagc	ggacgtgtgc	agcctgccat	acctattgcc	gcccctggta	agccgccagt	480
tcctcaggtt	cctggccccg	ctgggggtccc	acaaggccag	gcttaggcag	cgatcactga	540
agctactcgt	gctgctactg	gccgttgtag	cagctgtcat	gggtaagttt	gccccaaacc	600
ggtgcgcaaa	aaaagacccg	ccgatgtttc	cgtgaagggg	ggtactaatc	aaattgctga	660
aatatgttcc	tctatcacc	tcgggtggaca	cctgagcggg	tttctctccc	tcacc	715

<210> 5566

<211> 695

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(695)

<223> n = A,T,C or G

<400> 5566

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atatctgaga	ttctcttgtt	agtaggetca	gacttcaccg	tcgacgccat	gttcagttta	120
cggcgacagg	cagggcatag	gtcggagtgg	tccagtcca	ttgcaacaca	tctgcgacag	180
aagggtatggc	cacaggatgt	tgtaaatgga	tccagtataa	gcgaatagca	gacctggcag	240
tccagctcat	tctgaacagc	gtccttaagt	ctttcgaaac	gctggttttc	ctgggtctata	300
ggctcgtgca	tttcaaat	gagatctgac	gcatcatagt	cgaacgacc	gtacttgact	360
aggtcgtaca	tacctctaa	taatectccg	gcagcatctg	cactttctgc	cactgtccc	420
ggctgateac	ctctcaatcc	tgtcatgtca	ctctaaagcc	acactcgttt	cccagaggcg	480
cctccgaacc	agcactagaa	ttgcaaagca	cccgattaaa	aacatccacc	agcctactca	540
acagcacatc	ggccccccag	tcacctaaac	aatgttttcc	aacccaacca	taattccgta	600
ccccaatggc	ttgtgaatcc	cattttttta	tcgtccctcg	acgggatatg	tgattcccgt	660
tcctctcataa	attgggggca	agcaaaaacc	aaan			695

<210> 5567

<211> 663

<212> DNA

<213> *Aspergillus oryzae*

<400> 5567

gccactacat	ccgattgctg	gaagactccg	tgggtcgtcg	tcttgatagt	gcttggcgcc	60
atcgtctctg	cctgtttata	tccgtacgag	aaatactttg	cccgccacc	ggtcgtcccc	120
acccactact	tccgtacctt	gtccgttgtg	gtctcaatgg	cgttggcatg	cgttgacaac	180
atcggatttg	gaaccaccca	gacctacctg	tacgtctggt	ccatgggtgc	ccaccggact	240
gctcatgtat	cgattacggg	cgtacaaatg	gacgggggtg	gtgggcgcgc	ccatccgaat	300
ggtcgggtac	ggagtgatgg	tccgtctcgc	caaaaacgag	agctccgtcg	cggaaactgtt	360
catcgtgcag	ctgatccagg	gcgctggcag	cggcatgata	gaaacgatcg	tcategtcgc	420
ggcacagatt	tctgtgtctc	atgccgaact	ggcgcagggt	acgtcgtctc	tctgtctggg	480
atcgtctctg	ggcaatggga	tgggtcgcgc	gatcgtgtgt	accatttact	ccaatcaact	540
gggtgaacgg	ctgcgtttgc	atctcggaca	cagtgttgat	gaggtccacc	tctgtccgtt	600
gtacaactcc	attacgggata	cgttgccgaa	ctgggggaacg	gtggagccaa	atgccggaaa	660
ccc						663

<210> 5568

<211> 721

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature
 <222> (1)...(721)
 <223> n = A,T,C or G

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<400> 5568
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ggtcgctgcg cactgtccga ttggaacttg agttccttgc ggatgcgctg gtcattactc      180
cgcaacaact gtcctcgata gtatcccaac taccocagga gaacactgaa cgttccgcct      240
ctgtacctca atcggtacct caatcgagc cacctgtcca gcgtcaccaa ccccctgttg      300
cagccccaac tcccattcaa ctttctccag ccccatactc tcttcccacc caacagtttg      360
ccaatacctc gttgaacgag aaggccgcct atcaaccgcc cccgcagcat tatactcccc      420
caccgcctgc ttatccccc aa gctcccgcgg tgcctcctgg cgctaattgc ctctacgctt      480
aactccaac ggatcccggt gatctggctc tccagcccca tgatcggtt caagttctgg      540
agcacatgaa tgcgattgg tggcggtggc gtaatgagcg gaccaacttg gagggatatc      600
tccctgtaa ctatgtgagc gtgatagaaa acanggcgcg ccaagctcta cgagttacgg      660
aaatatgccc ctcgaaatca ggcagagtgc tccgcttgaa accccgacga ataaaaaacc      720
g                                                    721
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<210> 5569
 <211> 1071
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1071)
 <223> n = A,T,C or G

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ccaactcctc tctaccaaac gctcaaatc aaagagtacc ttattatct ccttgcaaca      180
cggaaacggc accgcaactc ccatctacga agtcgcatgt ttatcctcga aaccgaacct      240
ctccatctcc cgctgcagc ctgcatacca gcagcaacca ccaccaccgc ctcaatatgg      300
ctatccacca gcaccaaacc catactacca gcaaccatac cctcctccaa acccatttcc      360
accccagcaa taccgatgc accccaata tccaataaac aaccaccac ccaccaaac      420
aaccatagga accgtttccc tctcctccat gtctcccaa atcaccatct caattcacia      480
catccccgaa ctcaaatga agcgtccgga ctctcctgcc tccgggcacc aattcaccca      540
tccccgctac ggcacctcg aatggaaaaga aagcgatctc cttgagaaac gctttaagct      600
tgtcgactcg aacaagaccg tgcgtggccc gttcgataag tggaaattac cggaccacca      660
ggggcaggaa tcgaaatcgt ccattgtggg tggttcctcg tcatcgacga agaagaagaa      720
gaaggcggtg gcattccaaa tctttgtaaa tgcggatccg gagctgttg attggattgt      780
ggttagtgga ttgggggttg ttgagtatcg gatcacttcg gataaggagt gggaggagga      840
gcttttgga aatgaggatg gttggtcggc tttgttgagg tagtttttgt ctcttgtcta      900
ccttgcttat acattttgta cctggaatca tttgtgctgg catacttttt cttggatggg      960
gacagactta ttgtaaggat gaacttttgt atgtacggga ttactggctg ttcgctatga     1020
gaacttggtc tctgnnnaaa aaannnnnnn nnnaaaaaaa aaaaatttcc t                    1071
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<210> 5570
 <211> 450
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5570
tgacctccct cctctacatc attgagagtt agtgcctctt tttaacctcc ttacgatact      60
atcatgtctg cttcgtgttt ggcgttgaga cggctgacct accggtctcc ccgcactttc      120
cagtcocgca tctcctccgt ctccagaatc tcatctgcgg catcctcctt ctctccctc      180
aacgtctctc gcgcagttaa ctgcaccgct cctcgagtct ctggtttctc aaccatggca      240
cctcttcagt ctggctctca ggatggcgcc ctccagaagc cctacgatcc cgaaattcag      300
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gacatggcca	actatattca	caactacgag	gttaactcgg	acttggctta	tgacactgcc	360
cgtcttgtgt	tectcgatac	cctaggctgt	ggattggaag	ccttgaaatt	caaagagtgc	420
accaagcttt	tgggtcccgt	tgtggaagga				450

<210> 5571
 <211> 656
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(656)
 <223> n = A,T,C or G

<400> 5571						
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cctccgtctc	cgacatcacc	cacacgctct	ggcagcagta	cctggcgacc	acgcccgaac	180
gaacaatgct	cctggatgtc	ttcatggcat	tcctgggtct	tgtcggtggt	atccaattcg	240
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tggttggtga	gggatttagt	tagttccctg	ggtggatcct	tgtgtttant	aggggttggt	600
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<210> 5572
 <211> 636
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(636)
 <223> n = A,T,C or G

<400> 5572						
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cctcatcggc	ggacttattt	ccccctccac	ataactacct	aaccaatcaa	ttactcatct	120
gtttctacct	tectccacct	ccatcatgag	ttctggatct	cctcaaggcc	cgaagcctaa	180
gtccgtctgt	ccacctcgtc	tggtgaacgg	gagctcttcc	ctcaattcca	acatgaactc	240
tcgtgggtgt	cgcgaaaggg	agagtctcaa	ctcatctatt	cgtccctcat	tcgccccccg	300
tatcccgcca	gagttcaatt	tgccagagac	ggtcgcacac	tctgtcgacg	agtctaccca	360
tgtaactaac	gaatcgaata	ctgactcagg	cgcggtaaag	ccatctttga	atgacccggc	420
ccgtgatcca	agagatgacg	cccgggcttt	gaccccaccg	tcgacagcta	gccgcccggc	480
aagtccatac	acgtatatc	ctcctatcga	ttttgacgga	ctgagctggc	cctgccccgg	540
cacaagggcg	cgggttgag	cttcgcccga	ggaaacggan	gaacgagttc	aaaaattggc	600
aggtgcagtg	agaaccattc	tggtgtgc	tggn			636

<210> 5573
 <211> 672
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(672)
 <223> n = A,T,C or G

<400> 5573
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 aagattgtct atttcccttc cagcatcaat cttaatgagg ttctgttact ggcacaactt 180
 gggctcggaac agttcaacgg atatgacggt ggctggattc gaggggagct acgaccaggt 240
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 gttgtcgggt gccactttta tacctcggcc cacttacct caacactgga aggggttcaat 360
 cttcttgagc agaagcaagg catctctaat gaatcgtag aggatagtca ctacgagacg 420
 ctgcagaga tcttttagttc atacgacaaa gttgcgacac cggaggagggt caagcgtgtc 480
 tgggtaactt gcgatctgtt ccttggttcg cggacaaaac cccggccaac cacatccgc 540
 gccaaattta taaattctct aggggattgt tataacaggg cggctgaaag cttctcacia 600
 gaaccagaat aattagatac aggtgacaga gagagagggg gaaatgcatt ataccgaat 660
 gcagccctt tn 672

<210> 5574

<211> 797

<212> DNA

<213> *Aspergillus oryzae*

<400> 5574
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 gaatacaata caatacacta cagccatcat gcctaagatt accgaaatct tctttgattg 180
 tgacaacacc ttagtcctct ctgaggagct ggcttttgag gcatgcgcgc accttaciaa 240
 tgagatcctg gagagccgcg gtatccctga tgcctacaca ggggagcagc tgattcaaga 300
 cttcgtcggc cagaacttcc gtggaatgat ggtctccctc caagccaagt acggattcga 360
 gatgccccaa gaggaacttg aagcgttcgt taagaaggag gaggacaaag tcatcgctaa 420
 gctggaagcc aaagctcagc cttgtgtcgg tgccaacgag gaacttgaga agctgtacaa 480
 ggccaagaag taccacttgg cagttgtctc ctctgtctgc ttgcgcgcgc tccaggctc 540
 catcaagaaa gtcggacagg acaaattttt tgacgaggat atggtcttca gtgctgccac 600
 ctctctcccg aaaccacat ctaagccga tccagctatc tatctccacg ccttgaaaaa 660
 gtgcaataag aagccggaag agactgttac tatcaggagc agcaagtctg gcgctcttag 720
 tgctatccgc gccggcatcc acgtcatcgg ttacgttggc agctaccctg gtgatgagaa 780
 gaaggtcgaa atggcca 797

<210> 5575

<211> 637

<212> DNA

<213> *Aspergillus oryzae*

<400> 5575
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 ttccgatgtt cctcagttga aactgtacgc tgttgttcag cgtacaccaa agcccagca 180
 tgatgccgag aaggatcacc ccggcatcaa gtccatcgg actgccgagg acatgggtcaa 240
 ggatgacgga gttgatgtcg cattgtcact accgcccaga ctctatttac cagtgaccaa 300
 gtaacccttg aaccacggaa acatgggtgt ttgcaaaaac ccttcccccc caacacttca 360
 gagacccaat aacctgggtg cctttgccaa aaaacaaaac aagtgggtggg ttgggcacaa 420
 aaccgggttg tgaatgccaa ctacgaacc gctctcaagt tgggaaaaag ggggtgcctt 480
 ggcggttccc caattaaaaa cttttttaa cgtttttccc aaaaaaccc ttccatattt 540
 taaaaggga aaaaaagggc ctccccgggg ggagggttt ccaaaatccc gaagg!!!! 600
 ttttaaaaca ggccgcgctt ttgttggaca cgcctccc 637

<210> 5576

<211> 703

<212> DNA

<213> *Aspergillus oryzae*

<400> 5576
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gagtaacaac	acgcagtcag	ccaatcccag	aggcggcgcc	agcaatgccg	gcaaagggat	180
gaagggagga	aactccttcg	ccgcacgcac	gatggccaag	atgggttatg	ttgaaggtca	240
gggtctcggc	tgcactggtc	aaggatatcgt	caacccaatt	gaagcccagg	cccggccaca	300
gggtgctggg	ttgggcgctg	ttcgagaaaa	gacgaagcaa	gcacgggagg	aggaaaaacg	360
agcggcagcc	ttacgaggtg	aagtggtaga	ggatagctca	gatgaagaac	gaaagaggag	420
gcagaaaaag	aaggaggcgc	gcaaacaggg	tagtcgaagc	ggtactggta	cgccagtacc	480
acgcgcgaag	cctcaattcc	gcacagctcg	agagatggag	gaagatatgg	ctggtctcga	540
agtaccaa	gtcttgaagt	ccttgggtcg	tgccacagga	aaaggaacag	cgagtgttac	600
cctttactgt	cggcttgatg	accccgcccc	aattcgtaaa	acccggtgaa	ggggaagctc	660
tcaagattga	caacgggccc	gccatgacct	ataacccttt	gag		703

<210> 5577

<211> 706

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 5577

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aattgcagca	gcgcttgaga	actcacgcac	ctgtgctagt	aggacacaat	cttttcacgg	180
acgtgggtata	tctttaccgc	tgtttttttg	ggccacttcc	ggataagctg	gaagaattcc	240
aagcaattgt	tcacatcatg	tttccaattt	tgatggatac	aaaatacatg	gctacgcacg	300
attgcggttc	tataccccc	aaatcgctct	tgagtgcgat	caacgataac	cttctccata	360
ttaaagacccc	gaaaataagt	gtacatgaac	agcattcgaa	gtataacagc	cagagaatcg	420
accacgaggg	aggatatgac	agcttgctta	ctgctcagat	atztatcaag	ctctctgctc	480
aacttcgtga	cggaggtatc	tccaagctcc	cggatccggg	agaactgaaa	ggccaatcgg	540
atactatggg	cctgaacaat	acgaccttgg	ctgttccgga	aagcctaaag	ggcagtgtag	600
agaaggaatc	ggcagcgaga	aaaaagccgc	tcaagacacc	gacgagcacc	aagcttggca	660
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<210> 5578

<211> 625

<212> DNA

<213> *Aspergillus oryzae*

<400> 5578

tatgaaat	aataccacac	acaatat	ttatacactc	catcccaccc	taaattaaaa	60
agagaagaaa	agagaaatgg	ccccaa	cttcataatc	cgccacggcg	aaaccgaatg	120
gtccctcaat	ggccgacaca	cgggcac	ggatctggcg	cttacaccta	acggggagaa	180
acgggttaag	gcgactggga	aggcatt	tggaatgat	cggttgattg	cgccgaggaa	240
attggttcat	gtgtatgtct	cgccaagg	ccgggcgcag	cggacgctgg	aattacttga	300
gattgggtgt	aggagagagat	taccctgg	tgaagagcgg	aagagcgagg	atgaggagcc	360
gattcggaacg	gaggccaagg	ttgagatt	ggaggcagtg	agggagtggg	attatgggga	420
ttatgagggg	ttgacgaqia	agcagatt	ggagatgagg	aggagaaatg	gggaagaaac	480
gtgggatatt	tggaggggatg	gggtgtct	tggagaatcc	ccgaagacg	tgttcggtcg	540
tctcgatgcc	ctaatacccg	atatcaggg	gaagttccat	ggtccctgtt	tgcacggtga	600
agggtgggtca	aggagacgctc	ctgat				625

<210> 5579

<211> 639

<212> DNA

<213> *Aspergillus oryzae*

<400> 5579

ttgttaaggt	gttctttgat	aaggctatgg	accgcagtat	ctacgctaag	ggattcgggtg	60
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acgccatccg	tctccgccgt	gccaacgaca	agaccttcaa	gggcagcgtc	ttcgttgagt	180
tcgagtcgga	ggagaagcag	aaggcgttcc	tcgccttggc	gccccagccc	cagtgggaagg	240
gccaggatct	gatcatcaag	agcaagagag	agtactgcga	cgagaagggtg	cgcgacatcg	300
aggccggccg	catcaagccc	agcggtcacc	gcccccgtag	ccgtgggtgg	ttccggggcc	360
gtggccgtgg	tcgccagaac	gacaaccgtg	actggaggga	gcgtcgcgct	gaggaccaga	420
agcgcggttt	caacggcgac	aagaaggagg	agtccaagga	gcctcgcgag	atccaaaagg	480
acgtctcgcg	tgtccccgtc	gtacagagca	ccgccgacgc	tggccagaag	cgcgctcgcg	540
agaacgaagc	caacggcgac	cacccggcc	agaaggtcga	cgcggaaggag	taatggtatg	600
cgactgatct	tgtgtttttt	tttttcgata	gagaatcgt			639

<210> 5580

<211> 653

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(653)

<223> n = A,T,C or G

<400> 5580

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actcttcggc	gcgtcatggc	cgctgggtacc	gctcggtttt	ctactcaata	actggctgga	120
gctgcgggga	gaattcttca	agttgagtct	cgaatgccag	cgcccgcccc	ccatccgagc	180
cgattccatt	gggccgctgc	tccaaagatt	ggagattctc	acttggctcg	gaactttgtc	240
cactgcagcc	atcgtttacc	tgtaccgcgg	caacatggcc	gacgtgcgtt	tatccactct	300
cctcttgatc	ctccttgccg	cggagtgggc	atatctaggg	ctccggttcg	ttgtacggac	360
ggctgtggag	agaatcgcac	cggctcgctt	cgcaaagagg	ccgccaaaacg	atatgcgctt	420
cgcaagaact	atttggactc	ccttacacga	agtacatctc	ctaagggtcg	acaacgcgtc	480
cgcttcgaag	accgtgtcat	gtttatacca	cgggaaacaga	tgtcagaacg	aactctcagg	540
agtnoctgca	ccccgtcatc	atgagacata	agtgagcagc	gcttctggtc	tttgccgccc	600
agaacacccg	gacgcgcngc	gtcggttgat	aaaaccctct	gattggagac	ggn	653

<210> 5581

<211> 685

<212> DNA

<213> *Aspergillus oryzae*

<400> 5581

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ggagaatgtc	caaacttagt	ccccaggggc	cttgcatgta	cagctttgaa	tattgtgtcg	180
gacattctta	cgttctctct	gggagtgtct	gggctatgga	cattacagat	ggaccggcaa	240
cgcaagttca	tggttggagg	cattcttgc	atgggctcag	catgttgc	agtaagcatt	300
gtccgattgc	cgattcttct	tgatgctaca	ttcagcaacg	atcctacatg	gtcaaatgca	360
aactccttac	tgattggagt	actggaagga	gcgactgggt	ttattagcgc	ttcgttaccc	420
ggtctggcac	cattgggtgcg	gcgggtggcag	cgcagtgtcc	aggctcgaaa	aggaacgagc	480
agttatagcg	agcgggaata	ccaaaataga	acgaacacat	actcagacaa	gatgcctaca	540
agtattggta	tccaaggett	gcctggaaga	tacgttccca	tggacgattt	gaattccgac	600
cagttctgac	agcttgatac	aacaccacta	tcgccaaccc	aacaggatag	gaactctaga	660
taactttcaa	ctggtgttgt	getta				685

<210> 5582

<211> 1447

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature
 <222> (1)...(1447)
 <223> n = A,T,C or G

<400> 5582
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 ccaggtagcg cggtgatcgt tcttaccatg cccctttcat aataataata ataatctcac 120
 ctttcgtctc tctttttctg tttctaccg aactccttt acatgccctt ttgcggcaag 180
 ccattcgttt acaacttctg ccategcaat gaaattccga ttaaagcca ttgtccgagc 240
 gtcggaaaagc cgaactatgc agatcagcaa tatgtgtcct cgccgacgga cgcaattgcc 300
 cagtcttcgc caattacttc tgactgtcat tgcagtccca tccgttggtg catccgtgat 360
 cccatccgcc gtcgggacag attttagatc taccaacgct ctgatctcc cgcttagcgg 420
 cgagatcgct agcgacgata ttcaagatgt atctgattct cactcaagg aacgtgcggc 480
 atgggacccc gtccagctag acagcagtc tgaagaagca gacgcaactc actcgcccat 540
 cctcatcgca ctggaggaga actcgagac cagcgagaa aacgacaaca actcccaacc 600
 agnactatcc caaagatcga caagcagcag cagcagtagc agcagtgaga cgccaacgcc 660
 attcgacacc aacctctcga naaacttcac gtcgcagagc tgtccgaaat tcttcaaaaa 720
 ctttctctcg gacaccaaat tcaccaactg ctacgccatc tgcattgctc tccgggattc 780
 cagctccttc ttccaaacgc tcaaatccgc cccagcaacc tcgcacctcc tggacctctc 840
 ctgcccgcgc gacgtagacc aatgctcgtc ctteatgacc gacctcgcat cagcatcac 900
 caaatccgac gctgcggaagg aggactacga cctcggaac ccggtcgtga cagaagccta 960
 cagggacatg atcatctacg aacctatgta ccgcgcctcg tgtctcaaga accccagcac 1020
 aggcgactac tgcctcgctg acgcgcgcac gaacagctca aacctcctcg actacgacgt 1080
 ctacttcata cctacggga gcgcaatcac caacgcccct tatgccacct gcaacaaatg 1140
 cgttcaggcc tccatggatg tctttggcga atgggcgcaa aaaagcggnc agccgcttgc 1200
 tcaactcgat ctgccttcgc cgaagtctat taattcgaag tgtgggggta gctttgcgaa 1260
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 gcccgatggg tttttatcgt gtgggtgggc cttttaatgt tggggcgagc tatgggggtg 1380
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 gagctgg 1447

<210> 5583
 <211> 687
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(687)
 <223> n = A,T,C or G

<400> 5583
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 aacctttccg acgacgagtc gaccggagaa tctatccctt ataatgacgc gaaagaagac 180
 cgtgactcag gcgcgaaaa ccaggaagac aatgatgagg aggtggagga ggaagatgag 240
 gagggcgtct atgtcgttga aaagattctc ggcatgact tcgccaagaa tggaactctc 300
 ctctgcaag tgaaatggaa aggctacgat gacctgcag atgagaccat ggagccggag 360
 gagaacctgc tggagggggc aaaagatctg gtagaagaat actaccgtgc ccaaggtggt 420
 cggcctgaga aacctaaaag ggggaagcgc aagtccatga ctggcccaaa qcaqacaaca 480
 gagaaaagtg aacctaaaag gcgaagatag tcccgagcgy aaagctgcca ccgaaacttc 540
 agatgaagat gatgatctgc ctaantgggg tncgccgntc caagaactgg gagaacgagg 600
 gtgaaagtgt tgcaacattc tgcccgatgc cgaactctcg acgtaatgga ttattccttg 660
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<210> 5584
 <211> 709
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5584
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actaccctta cggatctgct caagatccaa caccocatcc tgctggcagg tatgaacgtg      180
gccgccgggc ctaagttggc cgcagcgggc accaacgcgc gtggcctcgg tgtcatcggg      240
gggtgtcggc atacccccga aatgcttcgt gaacagattg cagaacttaa gagctacttg      300
aatgacaaga atgcggggtt cgggtgtcgc cttttgcttc cgcaggtcgg aggaaacgca      360
cgcaagacca actacgacta caccaaggga aagcttaacg agcttgctga catcatcatt      420
gagagcggcg cacgcttatt cgtttcggcc gtccgtgtcc ctcccaagca cgtcgtggag      480
aagctccacg gtgctggcat cctgtgcatg aacatgatcg gccaccccaa gcacgttcag      540
aaagcccttg atgttgggtg tgatatcatc tgcgctcagg ggcgggtgaag gtggtgggtca      600
cactggtgat gttccgacta ccgtttctcat ccctactgtt ggcaagctgt gccaaagcat      660
aagaactcct tgaaccggca aaccgtgcag gtcgtctctt gaagggggg      709

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<210> 5585

<211> 1082

<212> DNA

<213> *Aspergillus oryzae*

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<400> 5585
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aaaaacaaca aaagcccagg tcgagcagca gacgcccaca catgtcgact gttgcacctt      180
tcaccctcga cgttgcgaca tgtctttgca tcgcgtttgc cctttctctc atgccagccg      240
cctacatctc aggcgggtcg ttaatccctt ccactcacat gcgaaaccgt gtctttttct      300
tgtggcagcg ctatgacgcc ctcaccaca tcttcacga aggtctatc ctctacgaat      360
gcttcttcag ctacacaaac ctccccgctg gattcaatcg ccgcacctac ttcctcgatc      420
agaaggaccg cgtatacggg gctgcatacg gaactcgtcc aagctcgcga ctgtggcagg      480
aatacgcgaa ggccgatttc cgtcggggcg ccgcgcagcg caacgtgatc tctctcgaac      540
tattgacgct tttctcggg ggtcccgcag ctctctatgt gtgttatctt ctgtggaagg      600
cctccagcag ccggacaagt gccgcggcaa aagggttcgg gaaagcgaag ctgtgggttg      660
tggcgcccg cctggcgacc gctgagctgt acggcggggt catgacctt gcgcctgaat      720
ggcttaacgg tagctcgcag ttggagacga gtaaccctgt atacctatgg ttctacctgt      780
tctttttcaa taccctctgg gtgtgggttc ctctgtgggt gttgtgggag gctaccaagg      840
agctgcgcac cgcctttacc aaggctgaaa gtgcaactga agctcgcga agcaaataaa      900
caatatcata tcatagattg gctcagcaaa tgcttgtgaa gaagactgtg gtgattagcg      960
ttatagaatt tgcaatttga cgcataagca atggcgctta tgggttctat tttttccac      1020
atataatcat gatgatattc ctatatatta ataacttccg atatgatgct ttgacgtgtg      1080
gg

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<210> 5586

<211> 678

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(678)

<223> n = A,T,C or G

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<400> 5586
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ggcatccctt tctgcactca attctgaaga aggttgatcg tcccgcgcgc ccattgttcgc      180
ggcatttagg aatcttggga tattgcaaga tggctaacac gagtttggtt accttcggct      240
tgacaccaga tccaagcttc aatgtgttct tcttcttgga actcgtcgtc tcttgcatat      300
tagtactatt cttctcgttt tacttttaac gccttttttg aacctttctc tctgtatggga      360
ttcgcgccta cacatggcat tattatcgcg catatgtcga catcaatgca ctccaaatct      420
ctttgcttgg aggacggatc ttttttaaag gtgtccgata ccacggtgtg aatgagacca      480
tatttgttca cgggggctnt ataacatggc gttactggag gcgatcggtg aggaggacat      540

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ttctatacga	cctgaaaccc	aatggatacg	aaccgaggaa	tggtgtgcga	tcggtcccg	600
acggggataa	tgattgcgcc	ggagacagtg	gaatgaagga	gcaaagagga	atgaaggtgc	660
anatttactc	cctgggtcc					678

<210> 5587

<211> 622

<212> DNA

<213> *Aspergillus oryzae*

<400> 5587

ggaagggcca	aaaagaaaaa	aaattgggta	aaattccaaa	agttaaaggg	gggaaccccc	60
aaggggattt	gaaaacccaa	aattttat	gggggacccc	ggggggggccc	caaaaacccc	120
gggcaaaatc	taaccccaag	ggataccggg	caaagggccg	ttgccggggg	aaaccttcgg	180
gcccccgga	accgggttct	taagggctcc	ggacttaaac	ccccaagggg	gaaaccccca	240
aaaagggttg	agcccaacgg	ggaatccggg	tggaaaaaag	ggaacccccc	gggaaaggaa	300
aaattttctg	gaaaaacaa	ccccctaagg	gacctaaaaa	aaacgggttt	tgaccggcca	360
ataaggggaa	acttggttgg	gaaaaaaacc	aattctccgg	gacccggggg	gaatttttcc	420
cgggaaaacc	ccgggggcct	taaaaaaacc	cgggtaagga	agggcacaga	aaacttttcc	480
ctgggggtta	agggcccaag	ggaacccccg	gccccggaaa	agaccgcaaa	gaaaagggaa	540
cggcccgggg	gaaaaaccac	caaaggggaa	aagccaacct	tcaaagggtg	ggaaaaaaa	600
agggtaggga	ccccgggaaa	ag				622

<210> 5588

<211> 684

<212> DNA

<213> *Aspergillus oryzae*

<400> 5588

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cagggtttat	atcgtcaaag	ctctggggct	ggatgatcat	gtgttcaatc	tgggctgggt	180
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gatcgtggta	aaagcatggc	atcgaagatc	gatttggatc	tcaatggtea	gtctatcagt	420
tgtctctgtg	atgacggcga	ttatcttctg	gacccagcgc	cttccctcca	aggcaatcta	480
cgatcctcgt	gtacctggtc	gaactattgt	cagcgttacc	ccgttctcag	tactactcgg	540
ctcatgggtg	gcagcggtcg	acttttactt	tgccattctc	ccgtggatat	tcatttgga	600
gctcaacatg	cggttcaaa	agaagatgac	gatcgctatc	agtctgagcc	taggattcat	660
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<210> 5589

<211> 1115

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1115)

<223> n = A, C, G or T

<400> 5589

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aaactcaaac	aaacgttcga	gccaataatg	tctggactca	ccacatctcc	tccggggtea	180
attcctgcct	ctccctccag	cgtcaaccag	gtctctcggg	catctcgacc	agcctccacg	240
cttgatctct	ccaatcttcc	aacaatgtct	caaccaacca	agccaacaaa	taccctcacc	300
atcacccaac	tgagcaacat	tcttatcttc	caacccgcct	ccctcgccac	tctccggcca	360
caacttgagt	ccatcgcgcc	cctgaactca	atctctccac	tccctctctc	tccggggctt	420
atttggttct	tttacacaga	agaagacgcc	cttagtgctc	ggaaaactgt	tgacggccaa	480

ctcctcgagc	acaacgtccg	cccgagagtt	tacttcggcg	aacccacccc	aatcctagac	540
gaggaatccc	gccgccc aaa	gctcctggaa	gccccccatg	cgcacaagct	cttcttcatc	600
agcccgccac	ccagccccc	gcacggatgg	gtcatgcgca	acgaggaacc	cccgaacaag	660
gaggtgcacg	ccagtgatct	cgccaccgcc	ttggccaagt	tgaagaccga	gcaatccggt	720
gtctacgagg	gtatcagcca	gacctgtgaa	cccggctact	cgatgtctat	gacctccgat	780
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aaggccccgc	ccaagacctc	tcggcctcct	gttgaattga	tgtgttgaat	gcacatgatt	1020
tgatacgtga	tcgttttggc	aattttgtgaa	tacngttggg	atatgcttta	gcgtgtgcat	1080
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<210> 5590

<211> 692

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(692)

<223> n = A,T,C or G

<400> 5590

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caatttgctt	cgttgggtca	aatcacttt	ctcacgtact	gtcttgcat	gagcgaaaca	180
aagaacggct	tctggctatt	ggccccaagt	ccactcgtgc	acgtcgccag	attataacct	240
ctgtcatgga	atattggacc	gatcagccag	gaatcgggtat	caacatcctc	gacaagttac	300
tgaattacac	aatcctaacg	ccactatccg	tcattgagtg	ggcactggta	gacaagctcg	360
aggccgggac	gatttttgga	agaacacatg	tttttgagat	gatatcagcc	actgtgggaa	420
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cacagttgag	tgttctagat	gaaaacctta	accgtgagaa	ggcagatatg	caagcgctct	540
tcaaggtaat	tgaagattcg	aatatgtcag	tcgccggaag	tcacaacgat	taattgatgg	600
aaaagggtga	cngaagttgt	gagctcccaa	aggattaaat	catcaaacat	tgtggatggt	660
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<210> 5591

<211> 674

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(674)

<223> n = A,T,C or G

<400> 5591

aaaccccggt	gggtcttctt	cgattctcct	tctactctct	tctctccagt	ccggagattt	60
actagattcc	cccatcagaa	gatatgtctg	aagctcaaac	gaggtcgtct	gcctctcgtg	120
gaggggtatc	cgtctgcggc	ggctcgggty	gctatagctc	caggggtggf	cgagatagca	180
gcagatctgc	aaaggcagac	aactcagaca	gcacacccgc	tacattcgaa	gacgagggag	240
aaattgggtca	aatgaagaag	aaatatgcaa	acactctacc	catgctaaag	gaattgttcc	300
ctgactggac	ggacgaggat	ctcgtctttg	cgttggagga	tgcagacggc	gacctcgagg	360
aggcaattga	tgcataaact	gaaggtaacg	ttctctcagt	gggagaggta	aagaagatga	420
ccacagaccc	gagcngccct	cagccanagg	aggcacagag	caccccgacc	gagtcgacta	480
ctgtcccat	tggggagggc	cgtgactgtg	tggatttgag	agcccttggtg	gacctgctcc	540
gagagatcgt	ggcctgtggt	gtctcggccg	tctgtcttgt	acccacacca	atggcagctg	600
tcagagnagc	cagctgctct	tgcacagtgg	agacagctac	tcccaggtca	ccaagactga	660
aancccggcc	gatn					674

<210> 5592
 <211> 670
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(670)
 <223> n = A,T,C or G

<400> 5592
 cttactcaac ggcgtattgt ccagccaccc ctgcacggc ttccagaggt cctccccagt 60
 agcaaaatc atattctcaa taaccggccc cggattcacc gaattaacgg tcgcccgatc 120
 cgccaactcc ctagcccaag tgcgcgtcat cgcctccaac gccgccttcg tccccccata 180
 caccgtctgc cccgtgaacc caatactact cgacacactg gatataattaa caatacgcgc 240
 actgcgatcg gttggcaaga aaggcgcaac agcctgcgtc agcaacaacg gcgcaagcac 300
 gtttaatagta taatgcaaat tgaagtaact ggggtccatg gggccctttt cctcgtcatt 360
 gaggaacga tctttgctta cgcacagcgtt gttgattagg atgtcgactt ggagggttcc 420
 ggtcgtctca gaggtgaagt tctccttagc cgcgttgagg atcgtggnta ctgctttctt 480
 cgggtgtgagg aggtcggcct gcacagagac cacatttatg gagtgtngnt ttgcgagttc 540
 cgagcagagg gtttcgggtt cgcatttgga gctccgcgag gtgtagttta ggagtagggg 600
 agcagctttt gaagcgaagt tgcgggctaa cgcttcgcgc attcctgggg atttggtagt 660
 tgggttgctt 670

<210> 5593
 <211> 721
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(721)
 <223> n = A,T,C or G

<400> 5593
 cgagggctaa gacccggggc aagaccctgc tggatgagga ctacgtcatg agacgtaacg 60
 ccgtcgactt cgggtgttcc ctgttcctgg agaccaagac tgctctcttc tttgcccagg 120
 ccattgagcga gaagctgccc cgtgcgcagg gtatgccttc tgaggtcgcg agctgggtctg 180
 agttcgccgg cggcaagcct ctgtaaatca gcattgcggt cttaaaacaa aagtttttgt 240
 caacataata atcacctgat gttgtttcta ttttcttcaa ggcacggaat agccgtctgg 300
 tttggcgtag tggagaaggc tctactctac attgatagac tttttatttg gccttgacaa 360
 agcacctttg acgggaaagg tggctatgct catgtactcc ggtggaactt ggttctcttt 420
 gttattggta tccaaaaaan aaaaaannnn nnnnaaaann naaaaaaan aaaaaaann 480
 nannttttcc tgcgggcgtt cgagcatgct tttaaagggc ccattcccc cttatgggga 540
 gcatttcaca attctgggccc gcggttttta aaaacgggtg agaggggaaa aactgtgggg 600
 tcccactaat atatggggtt ggaaaaatac ccctttttcc cagtgggttt aaaaaaaaaa 660
 ggcccccccc ctccccctt tccaaagggt ggccctctt tctatccggg gttttagggt 720
 c 721

<210> 5594
 <211> 1188
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1188)
 <223> n = A,T,C or G

<400> 5594

cctgccaaacg	ttgatggtaa	tettttctggt	ggccccacct	gcacggggagc	ttccaagttc	60
acctacacca	tccctgaagg	tattgagcct	ggcaaatata	ccctcgccctg	gacttgggttc	120
aaccgtatcg	gaaaccgtga	gatgtacatg	aactgtgccc	ctcttactgt	caccggtagt	180
tcttcgaagc	gtgacgaagt	tcccaaggag	aagacgggtg	agaagcgctc	tgctaaacttc	240
cctcccatgt	tcgtcgccaa	tgtgaacggc	tgcaccacca	aggaagggtg	tgatattcgt	300
ttccccaatc	ccggttccat	cgttgagtac	gctgggtgata	agagcaacct	tgcggtctgag	360
ggcagccagg	cctgcactgg	cacccccaca	ttcgggtggcg	atggtaaacac	cgccgggttcc	420
agtggctcat	ctggcagttc	ttctggaagc	tettctggcg	gtccagctc	ttcgggtgcc	480
ggctccgggtg	ctactgcacc	tcccgcgcca	gcggtttctc	cgactttggt	ccccaagcct	540
tcccagtcct	ctgctcctgg	tgtctttgtc	cccacgggct	ctcccgcaca	gcctaccac	600
accagcgccc	cctcgggtgg	ctctagctcc	ggctctgggt	ccagctctgg	ttccaactct	660
ggctctagct	ccggtccag	ctcttctct	agctcttct	ccagctctgg	tgctctgacc	720
ggatcttgca	gctcggaggg	aacctggaac	tgcattgggtg	gatcttctct	ccagcgctgt	780
gccaacggac	agtggaccgc	agtgcagcag	atggccactg	gtactgaatg	tactgctggt	840
caggcctcca	acctcaagat	caaggccacc	aacctcaagc	cccgcatgct	ccacgagatg	900
cgtcacagga	agcgcaacta	ccacaaccac	gcttaaagaa	cgtctgatat	ccgctggccc	960
ggctattagg	attccctgat	ttctcttctg	ttctcttgca	gcggcggtgga	cgcttgtggg	1020
gacctttct	gggatggatt	ttcttcttca	attgtattta	ctttctacgg	taaataaaaa	1080
gaaggttggg	actcgagacc	ttctctgaat	agaagctttg	atcattatat	tcagttggca	1140
cagnnnanan	nnnnnnnnnn	nnnnanaaaa	ttctcgcggc	cgctcgac		1188

<210> 5595

<211> 645

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (645)

<223> n = A,T,C or G

<400> 5595

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tctcccaggc	cgttagtcaa	gccactaaca	gctctggcgg	caacaacaac	aacaacaacc	120
aggggtgggtc	caaccagggc	tacggaggag	actcttacag	cgagcgctcc	tcccacggcg	180
gcaaccaagg	aggetacaac	gaccgtccct	ctcagggcta	cggaggcgac	tcctacaacg	240
accgcccctc	ccacggcaac	caggagggct	acaatgaccg	tccctcttca	ggctacggag	300
gagactccta	cggcgggcgt	ccctcccacg	gcaaccaggg	aggctacaac	gaccgtccct	360
cttcaggcta	cggaggagac	tcctacaacg	accgtccctc	ccacggcaac	caaggaggct	420
acaacgaccg	tcctctcag	ggctacngag	gcgactccta	caacgaccgc	ccttcccacg	480
gcaaccaagg	aggetacaat	gaccgtncct	cttcaggcta	cngangagaa	ctctacngcg	540
gocgtccttc	ccacggcaac	caggagggct	acaacgaccg	tccctcttca	ggctacngag	600
gagaactcct	acaacgaccg	ccctcccacg	gcaaccaagg	aagct		645

<210> 5596

<211> 681

<212> DNA

<213> *Aspergillus oryzae*

<400> 5596

cttttagatc	ctcgttttta	aatatactta	atacttttat	cttttcggat	ctataatcag	60
tcaccatgag	tctctcttac	gccatctctc	tcttgccctc	ggctgcttct	gttggagctc	120
tcacggctca	ttcccccaag	aagggtgagg	acgttgacct	ctccaagctc	ttcacctgga	180
agtgggtagt	cgtcgatacc	gacccctctt	ctttcgatct	ctacattgtc	aacaacgcgc	240
tctaccccag	cgttgagcac	aagatcgctt	ccgacgttga	ctcctccaag	ggctcctaag	300
atgtctctgg	cctgcccga	ctgaccaacg	gcaagggtca	ccagatcaac	ttctctctca	360
actccgccaa	gaacagcggt	atcctcgctc	agtcacagca	gttcaacgta	gagggctcct	420
ctgagtccac	ctcgaccgcc	agcgccagcg	agtcacaagc	caccaccgcc	gctactggca	480
cttccaccgc	tactactggt	tctctctcgc	cccgctgcct	tgtctcgccc	agcgtctccg	540
ccaacagcac	ctctctctggc	agcaccctccg	tctccaccgg	tgccgggtgtc	tctctcgtgt	600

cgcccgctctc	cgccgcccgt	ggcctcctga	tgggtgtctt	ggccttaacc	ttgtaattcg	660
ggaaccaacc	gacagcaaga	t				681

<210> 5597
 <211> 463
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(463)
 <223> n = A,T,C or G

<400> 5597						
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ttggcccaacc	catttttattt	ccaaaacggc	aaaaacgggtc	atttaaccaa	ccagaagtgt	120
tcctggggaga	acccataaaac	cttcaagttc	taaccccggtc	gctgtgacta	cataatcttc	180
cttctcctgt	ttcgtttacaa	atgtgatgat	tttgctttgt	ttcaacaact	caaagcatga	240
gcatagacac	gtcagaaaag	cttttggtcca	tatttctttt	ataatttttg	catgatcgtc	300
tataaaaagg	cgggttcggc	gggataaatt	caacatgata	ccacttttca	tctgtgggga	360
gggatgttac	ngcgttatcc	gggagcgaaa	gtcttcaaca	cactgcctcc	tcangcttga	420
catctgcgga	ccatcagcgt	cattcaggac	caggtccgca	cag		463

<210> 5598
 <211> 646
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5598						
ggaagaattc	gcgggccgcag	gaactgttgt	ttcttttttt	tttactgttt	ctattgttct	60
ttttttgtct	ttattttttt	tttttttttt	ctcccacaaa	gcacccaggg	ggaaaaaaac	120
acgcaccccg	gcaagaccac	ggcctaccag	cgcgacaccg	cacaaaaagg	cgccaaacag	180
aagagcatga	acaacgcgcg	ggaaccgcac	aagacccacg	ccaaaaaccc	ccccgcggaa	240
ccccaaaccg	gcataatgac	cgacaaatgc	gccagaccga	acccccaaag	cccgaaaaac	300
cggggggaagg	ggaacacaa	gcccgcaccac	cccgggaaag	gggccacgaa	ctgcgagcaa	360
accgccaagg	accccaacaa	ccacgaccgc	acgggcgcgg	aaaacccaaa	agcgccctggc	420
aaggcggggc	accaagctcg	aaaggagccg	accaaaccgg	ggaaaatggc	acgaacggcc	480
caactcgga	agcgcgcgca	actagagcgg	acacacaccg	gaaaagaccg	acgcggacgc	540
cgacgaagca	aagaacacgt	aagacccccc	cagatacggg	tcgcccagaa	cccaaacaaa	600
caaccgggga	aacaatccgc	ccgccccccc	caccgaagaa	cccccg		646

<210> 5599
 <211> 724
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(724)
 <223> n = A,T,C or G

<400> 5599						
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aaactatcat	tgatgggaac	cgatgatcta	cgcgaatatg	ccggtctaac	tacgacaact	120
atcactttca	agcaacatat	aaccctcagc	tcggcgagta	tggacctgat	caaattggcg	180
ctcaggggca	ctttcgggtg	tatcgaggaa	attggtccga	agaccgaagt	caaggaggag	240
ctcgtggaga	acgagaaggt	ttccaaggaa	atatccaaac	tcaaggagga	ggctgccgat	300
gaagaaattc	ctatcgaaaa	tgaacaggcc	tatcttggtt	tgggttgtgt	agtcattcgc	360
tatttccttc	gtactcgoga	ggtcgagetc	gagtgggaag	gaaacatgat	gaatgatggg	420
gttgccgatg	ctgtcatggc	agtctgtctc	actgtcgaaa	gcagccctgc	atctgtgaag	480

caatccgcc	agcaaaagca	ccaccaccac	caccatcagg	acactctcga	acttcctaac	540
cctcattcac	agctagggtc	tgaagaacgg	ttcgacgcgc	ttctcatgat	gctngaggca	600
cagttcggat	cggacatata	acccattgag	cgcccgcgac	tacccactac	tcaacttacc	660
aacggggcag	cgaagaacga	aacgtcggcg	caattgagtg	ctgcggagca	gactctcaaa	720
gaan						724

<210> 5600

<211> 688

<212> DNA

<213> *Aspergillus oryzae*

<400> 5600

agaagttgaa	agacaccgat	ttgcttgccg	cgcagtcgaa	tggttacccg	cggatgtctg	60
caaacctata	caaaactaag	aatgagggcg	aattcttcca	tattcatggg	tccctcgagg	120
ccacgacgac	gctgaatatg	attggattgg	atggtcaccg	tccagatctg	acagactacg	180
aagagattat	caagggtcatt	gagagccatg	tgcagaatta	cacagctgca	gagttggaag	240
agatgaataa	ggagagaaaag	caagctgggtg	tgcgggcatt	taaaatcgaa	gacttttatca	300
aaaccccgca	tggtgaactt	aatgtccaac	aacccccatg	gaagggtgtc	cgcctcaagg	360
gtgacctgcc	tcccacaccc	ttccccgcgc	gcccgcgctg	gagtaagaag	attcttgaag	420
gagtcaaagt	cctagagctt	tgcgcgatca	ttgcggcccc	cactgttgca	cgcctcctga	480
ctgagtacgg	agcagatggt	ttgaagatca	ccagtcgcag	cctctctgat	gtgccatttt	540
tccaagtgga	tggtaatatg	ggcaagcacg	ctgctgactt	agacctgaaa	tcggaagaag	600
gacggcgcca	gtttgaagag	cttttggctg	acgcagacgt	ggtcgtggac	ggttatcgcc	660
cagggggccat	tgagaaatgg	gctatggc				688

<210> 5601

<211> 621

<212> DNA

<213> *Aspergillus oryzae*

<320>

<321> misc_feature

<222> (1)...(621)

<223> n = A,T,C or G

<400> 5601

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gtgggtacgat	ggcaacgtca	aaatggccag	tgtacaccca	tgtcgacacg	cttcgggtgat	120
gaagacactc	ctcgaccgtg	cagatgcagc	gctgaaactc	cgcgcgcaaa	agctgaagca	180
agctcaatct	gacccatcca	aggctccttc	ggtcggcgaa	agcggcttgg	aagggttggt	240
cgatgacatc	aaggcacttt	ccttgagtga	ccaacaacag	catggcagtg	ataagagcgg	300
cggagatgaa	tgggaggttc	tccagcacga	tgaagaagaa	caggtagcca	tcagagtgga	360
tcagtatattg	gttgttttcc	tgaagtccat	tgtatgcgtg	acaccaggga	ttgagcatga	420
tttcaccatg	ggagtatgat	cgaagggtgc	tcacagatat	gacctcgtct	tcgaattttc	480
tcctttttctc	cattttttaa	tctggcgtag	tggttacatt	catgatggca	tggtttcaca	540
atcagttcta	ggagtattac	agctcaacat	tagcaggtga	cttagacatt	aagcgaacan	600
nanaaaaaaaa	aaaaaattcc	t				621

<210> 5602

<211> 685

<212> DNA

<213> *Aspergillus oryzae*

<400> 5602

gatttcccc	accaaactcgt	ctcttcaaga	tctcaaacct	tgccaacact	atacaagtgc	60
tagtctctcc	ataacttccat	actaatcgtc	gtagccgcaa	gaaagcaatg	acaaatgatca	120
acacgcgtga	cgaaacctcc	ctcgccgcgt	cacccaccga	gcgacgcaat	tccctggaga	180
agcatctcct	gaatcgtcct	gatccccagg	atctcaaaga	gagacacatc	ctcctcgaca	240
ccaatggttg	tccatctatc	caagcagcaa	gacaggaact	agaccgtcag	cgcactactg	300
atagtttgaa	gaaacatctc	gagcacagac	cggatcgcga	agaactgggt	gagcgcgaata	360

tctctccgcga	taccaacgcga	gccccggcgc	ttcaggetca	cgccccgcgaa	ctggagaaac	420
atatgctggc	tgatcatctc	gaccagaaga	ttcagaaccg	gccgcagccg	gaggatctca	480
tggtccaggg	gatcttgacg	gaagatgagg	atccgaggca	gccgactatt	tgactgcaat	540
cttcggcagt	tggtgacggg	ttatgatgga	tatgggttat	ggattatggg	ttgatggacg	600
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ggatatggta	ataacgtaca	accta				685

<210> 5603
 <211> 552
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(552)
 <223> n = A,T,C or G

<400> 5603						
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tggaacagctg	gtccttatgg	gccgaggccg	caaacaatga	ccgcaaagca	tcctaccggt	120
ggcgcacaaag	atatctcgag	ttaacatttg	gatgcggcgc	ataccgtccc	tatgaagatc	180
tcgtctacga	gtcagccaaa	gatgccggcc	tcocggccag	tgacccaaa	gccctgatcc	240
acaattggga	tcagatgcgc	ccttggcccc	agacaaagca	ggtcttacta	cagttgaaag	300
aaaaaggata	tcgcttgagg	gtcgtctcca	actgttctgc	ggaactcggc	cgctcgagccg	360
ttgcgttggtg	tggtgtggaa	ttcgatgcac	tcgtgactgc	cgaagaagcc	ggcttctata	420
agcctcatcc	gaaagcatat	ggtacgatcc	tgctcgccctt	gggggtggag	cctcgagatg	480
ctctctttgt	cgcaggcagc	aatggcgatg	tcgtcgggtgc	ancagcggct	ggtatggatn	540
gtcgttgggca	tn					552

<210> 5604
 <211> 702
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(702)
 <223> n = A,T,C or G

<400> 5604						
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cattcttaacc	ggaattgcca	ctaccttccc	aacctctgat	cacttccacg	ccgtcgcaac	120
ggcggcacac	ctgtgccttt	cgcggtacct	aggtcagggt	gccgtgaaca	ttctcgcaga	180
ttctcgcaaca	ggtgcacatg	ccgcaagcct	ggttctccaa	taccaattag	tttccaagcg	240
ctacatgccc	gaattgatca	actacgtcct	caacgccttg	tgtaaccttg	ccccggagga	300
gccaaagage	agcctcgggc	tcttcccgtc	tcgtagtccg	gaggaatctc	tacgactgaa	360
gatctccaag	tcgtggaagt	cgaggaaact	tcaattctgg	gacattactg	gcccggaacg	420
cccgagggcc	caagaagagc	tcaaaacttt	cctcataaac	acattcatct	ctctcctcag	480
caccgccttc	gatatgtggg	cagacatata	agccttccct	gagatcttcg	atcaagctca	540
gaaaggcttc	cgttctctga	acggatccct	caagggttaag	atttgccttc	gtcgttcaaa	600
ataacctgca	gtcgaccctc	gataaactcg	atgggcacac	ccttgaaagc	cccgctttaa	660
tgggcgcccg	cttttacttc	atgatcaccg	ccccgctgct	at		702

<210> 5605
 <211> 683
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature

<222> (1)...(683)

<223> n = A,T,C or G

<400> 5605

cggtgattga	tcactctgct	caatatgtct	cgttcttccc	atcgggatga	tttctttcaa	60
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gaccccatca	ggctacaaag	taagatcttg	gcagtcgagg	cagaccctct	gaatcctggc	180
gccgtattcg	tggcgacag	tgggtggcag	gtccgaaaga	ttatactcga	aacaggtgaa	240
acggctgctc	tttacaaagg	accaacggcc	cccatcacaa	gcactctgct	tagccccgac	300
ggtcgattac	tcttcgccgg	ttgctgggac	aaatacgtct	ggtgctggga	tgtggcttcg	360
aaggaagtga	aacagaaata	cgacgggcat	accgactttg	taagagcggg	ggtcaccacc	420
cgactccagg	gcaaggatgt	tctcgtctct	ggcggggctg	acgcgcagat	cttgggtgtc	480
gacattgcc	gtggcgagcg	gctctccgtc	atgaaggggc	atgccaaagg	tatccaagga	540
cttggttag	atcccgctct	tttagattct	gacagccaag	agctggtttg	tttcagctct	600
ggcagcgatc	gggagattcg	cggtttcgac	atcgccagtg	gtagcaaaga	cctgacgggc	660
acagacgcca	tctagtnca	tga				683

<210> 5606

<211> 555

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(555)

<223> n = A,T,C or G

<400> 5606

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acttctctgc	ctccccactt	gccaccttcc	tctatctctt	ccaccacatt	ctcctcagac	120
tccgcggacc	acctcgatta	cctccaccag	acgcccaccc	tatccgagtg	gtctgcatct	180
ccgacaccca	cacgctcgaa	tgggacgatg	tgccagatgg	tgacctttta	atacacgcgc	240
gcgatctatg	caacgatggc	agcgtgcgcg	agatccaagc	agcggtagac	tggctacaag	300
gactgcccc	tccccacaag	gtagtcatct	gcggcaatca	cgacagctac	ttcgacgtac	360
ggtcgcgact	ggaagaagac	cgggacaaat	ccttcgcagc	gggctgatcc	tctactgccg	420
ctctacgctc	catcgatgac	ctcgaaaagtc	cccaccgcat	cgactggcgt	gacatccact	480
accttcaaca	ctgcgcgctg	accatcttct	tctcttccaa	ctttattcac	cggcttttgg	540
ggcccgtttc	cgtcg					555

<210> 5607

<211> 632

<212> DNA

<213> *Aspergillus oryzae*

<400> 5607

ctactggacc	ccatgatcat	gaatgatatt	atcacttccc	attgcatact	cttaaatacat	60
tagggaaact	tctacctac	ggaccatata	atcaagttac	ctaccaccgg	tcagcgcccg	120
cctactcttt	gttcaacaag	atattgacga	ctcttctctg	tgccatgtgt	cctacttctt	180
ctttaaactg	gtctacttgc	aacacatata	gaatcgccag	acgtaagccc	gagttcttgc	240
ctttaaaaat	ctaacactaa	tcttctctct	attggcctct	tctcaggaaa	tattttaaaa	300
actctaacgc	gacatacggg	agacaatctg	gcttctctaa	gtctgaagcg	ctgctctctg	360
ggaactcata	gaccacatgt	cggccgggcta	aacggcagta	aacatgtccg	tatgcacoga	420
gacggggaga	acacccatcg	cgtcgcattt	gatccgggaat	gacctctagg	gtcttgcctg	480
cattctactt	gctgcagatt	cgtttgccaa	ctatctgata	ggagtcctac	aggacttcta	540
ggtcgaactg	atctacagga	aatcgactgc	tcaaacctgg	accttgaggc	ttgggttagac	600
ctgcagtgga	cgaacactct	gtacttgggc	ct			632

<210> 5608

<211> 1522

<212> DNA

<213> *Aspergillus oryzae*

<400> 5608

gcagagcagg	cctcccagaa	cgtggccatc	aagaagtctg	cgaccggcct	ccttgcccca	60
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ccccagccag	ctgagttttt	cttgtcttct	gacccatctg	caattgtcga	gcatacgaag	180
aaggctcctc	atctcgaaga	tgatgatata	gctcatgtgc	atgagggaca	gttaaacatt	240
catcgccctc	caaaagatga	tggtaacttc	aatgttcgag	ctattcagac	aattgaactc	300
gaattgcagg	agattatgaa	gggcaagttt	gaccacttca	tgcaaaagga	aattttcgag	360
caacccgagt	ctgtgatcaa	taccatgaga	ggacgactgg	atgttgcaaa	caagcaagtc	420
acactcggtg	gcctgcggca	gtacattttc	actatccgcc	gctgcagaag	aatcatatct	480
gttgccctgtg	gaactagtta	ccattcatgc	atggctgtgc	gtggagtctt	tgaagagctt	540
actgagattc	ctattttctgt	tgaacttgc	tccgatttcc	tggatagaca	ggctccagta	600
ttccgtgatg	acacgtgtgt	tttcgtttct	cagtcctggc	agaccgctga	ctcccttatg	660
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gtagcttcta	ccaaggccta	cacgtcccag	ttcgttgcta	tggtrcagtt	cgctttgtct	840
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aaggctctccg	agcaattcaa	ggagatcttg	aaacttaacg	aaacccatcaa	acaattgtgt	960
gcaaacttca	agaatcaaaa	gagtttgctt	ctgctgggca	gggggtggta	attccctact	1020
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tcggcgagat	tgaagcatgg	tgttcttgcc	cttgcgatg	aaaacttgcc	catcatcatg	1140
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cccttgacgt	taatcgctta	ctggttggct	gtgtctgaag	gtctcaatgt	tgatttccct	1380
cgcaatcttg	cgaagcaatc	acagttgagt	aaattgtcgc	ttatagcaac	agccaagttt	1440
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<210> 5609

<211> 740

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 5609

ggccgggcga	ttcggacgag	gccttgcctg	aggcacccca	tctatatctg	ccccaagcgc	60
cgccaaggcc	ggtgcggata	atacttggaa	gatgaattct	cccattaagt	ttgccagtga	120
ctcaaatgcg	gcttctactt	cgaaacttga	ttccgcctcc	gcgacgcggg	ctgctgattc	180
ctcgaaacca	ttctccacac	tattttggagc	ggcatctgct	accaagcctg	catcttctgg	240
tactggatcg	ccatcacctg	gcttcacatt	tgggtggacct	gcgcagccac	catcattect	300
ggctccatcg	actgtcagct	ctgctgctgc	cagccgcgcg	tcactcctg	gaattacatc	360
cgacacggga	gcgaggaggt	ctggagatgg	tgatgcagct	gaggctttgc	ctcaggctaa	420
ccttgcctca	agtcagagcg	gtgaggagaa	tgaagacgtt	gtgatcgaga	ctagagcgcg	480
cggtctgaaa	ctcaccaaa	atggatggaa	cagtcaggga	gttgggtttc	ttcgtgtatt	540
gaaggatcgc	actacctctc	gcggccgtgt	tatacttaga	gctgaccgga	ggggcaagat	600
tgctctgaac	gcattcttga	tcaaaacaact	cangtacact	gtcaagggca	ccagtgtgca	660
ctttcctgta	ccccaagccg	atgggcctnc	ggaacaatgg	ggcaatcggg	ttaaaaagga	720
ggaaagcggn	acgcctcgga					740

<210> 5610

<211> 648

<212> DNA

<213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(648)
 <223> n = A,T,C or G

<400> 5610
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 tcatcatgca tgcggagaat cctctacaga gtaccgccga agtcaactcg gtcggacaac 120
 agtcagaatc acaaaataat gcccttctcg ggcaaattct cacaggaaaa caagaacatt 180
 accttaagcg cgagctcatc gcccgccaag tgcaaagcga aatcgccgag ttaaaactctc 240
 ccacagccct ccaacgtttc ggtgccccat tcaggtcaga gtacggagaa gtcgccccag 300
 ttgactcaga actccctatc ctacgatata tcttcgttca tcatgtgcgc aatttttcctt 360
 ttctcgacca ggcccgcgag aaggagtttt ggaggagata aatacaagtg ttcttagaat 420
 ccttcgcgaa gaagcatggt tcgtcgctcg aaaatcgctt ggaggagaca aagcccaaaa 480
 aaatttagcca ggaagtgcc aaaaactcgt ggagctcatg atggtatctt gtatcccaac 540
 qqqcatcqa tatqaaaaac gaaatcaagt ttcggaaaac gaagttgaaa atcgcggtggc 600
 catgaccag ggcccttttgg tcatatgccc gaagggaatg ccttcacc 648

<210> 5611
 <211> 726
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5611
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 aatggtatgc gccgtacagc gatgacgaga aagtctagct caaaggcgag gtccatctcc 120
 tgtaatcacc aatagatgca aaatactcat acatctttat caaccaccat cctacctcgc 180
 atattcttta ccgacgatac atcgcatcat tttaccaccg tcatgccata attatcaaag 240
 ttgactctt gacgacatgt gtcactgtga cgtgcaatt tctcttttta cgtgacgtat 300
 ttctctttta cagaccatgc actatctcgt tttgttgtgc tgagatgata cctccacgac 360
 tattctaccc tctctcatga ctttctactc gacgttaaca ccgttttacc atcttctctt 420
 cgataccata tctgtgactt cactctacct acatgcgac tcgacttcca atgctgtcag 480
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 tgacaattat cgacgacatg tcttattcgt gatcatcgcg acaatcacga tgacatttat 660
 atctactcaa ttgcttcata ctatccgatt ataccgccta cgactcaaca cttcattact 720
 ctctcg 726

<210> 5612
 <211> 673
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(673)
 <223> n = A,T,C or G

<400> 5612
 ggagactcta tctttcgacc ttggggcagc gacacaccat ccaagaaqaa actactqaa 60
 aagtatccat agctctatcg actagtatgt tctcaccat ctatctgcac agagatacgg 120
 ccgtggcggtg agtaggatca ccacccatct gcatacatcg gccgtgatat ggcggtgtttg 180
 ctgggggatg caggtcatcc gatgatgctt gaccaaagcc aggggtgctg tatagtattt 240
 gaagatgcgc cagcgctggg aaggcttttc aacaacgaca acttctctgg agatattgct 300
 gaaactctcg ccactatga cgaaatccga ctgccacgag ctactaaggg tcaatctggc 360
 qatcatagg cggcgataaa tatcaatgaa cggatagggt tctcgagcaa taattcttcc 420
 taogtgtaact gagatgaata tgagaagaac acactgacta ttggagagat gaatgcgtgc 480
 gacatgtaca aagatatcga agacgcgac gctggcgcaa aggggtgtacc ttacagcac 540
 catacaccat ggactaccat ttcggctgaa gctgtaaaag gagtgcaggt cggagaataa 600
 tgtacgaatt atttgcgta tgctctctt aataatgctt tcttgacatt gggcctgcta 660

taagcgtctt ccn

673

<210> 5613
<211> 1033
<212> DNA
<213> *Aspergillus oryzae*

<220>
<221> misc_feature
<222> (1)...(1033)
<223> n = A,T,C or G

<400> 5613
cgcgctctgac gaccagactg ccaatgatat attcaccact tttgccgagt cacagagaga 60
caactacctc ttccgcccca caagtgatgc atcgatcgct aaggcagaag gtgttaagca 120
accttcgatt gttctctata aagaattcga tgaagaagaaa gctacttatq atggagagat 180
tgaacaggat gccctctcca gttgggtcaa gactgccaagt acccctctgg tgggcgagct 240
gggcccagag acttactccg gatataaac ggctggcatt ccactggcgt acattttcgc 300
cgaaacccaa gaagagcgtg agcagttcac cgaggagtgc aagttcatcg ccgagaaaca 360
caagggttcc atcaatattg tcaccattga cgccaagttg tacggcgctc atgcaggcaa 420
tctcaacctt gacctctcca agttccctgc attcgctatt caagaccctg aaaagaacgc 480
caagtatcct tatgaccagt cgaaggaagt caaggccaag gatatcggtt aattcatcca 540
agacgttctt gatgataaag tagagccaag cattaagtct gaggctattc ctgagactca 600
ggaaggctct gttactgttg ttgtcgcgca ttctataaag gatctcgtcc ttgacaacga 660
gaaggacgtc cttctcgaat tttatgcgcc atggtgcgga cactgcaagg ccttgcccc 720
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tgacgcaacg gccaacgatg tccccgactc cattacagga ttctctacta ttaagctctt 840
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cgccaacttt gtcaaggaga atggcaagca caaggctgat gctcttgaag ttgatccgaa 960
gaaagaacan gagagtggcg atgccaccga gactcgggcc cgctctgacg agaccgaaac 1020
tnctgctgct act 1033

<210> 5614
<211> 699
<212> DNA
<213> *Aspergillus oryzae*

<400> 5614
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cttgaaaaac tatccgcac tctaaactcc taccacggat accattttgc cgctcaacgt 120
catttcacag tgcaaaagttg caaacccctg tgctcacaca cggaatccgt ctgccttgcc 180
ttttccccgc cagtaaccgc gcccgaaagca taatcaagaa ttatgggctc atttgtggag 240
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gcacttttcg ccgcactcca actggtcctc ttgctgcttc tctagcgcac ctacagcact 360
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caagaatttg caacggtgca tgctcaagaa gctgagaatg agaagacaga gtcgaacgaa 480
ctgctcacag aggaagacga ctatgacaag aggaaatccg aagctagtctt gaaaacaacc 540
gtgagctctg gacagcacag aaagtgacct cgagaccgag agtttgatgg agcgttaaat 600
attttggcgt gttcgcgtgc ggttcactcg tacaccactg ccggcggcac ttataacggt 660
ttctttttaa ccgcggggac accaaagggag gatttcgaa 699

<210> 5615
<211> 719
<212> DNA
<213> *Aspergillus oryzae*

<220>
<221> misc_feature
<222> (1)...(719)
<223> n = A,T,C or G

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<400> 5615
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agaagctggg gcagatcggg aaggagatta cgactaagggt gaagccaaag gctgtgggtgg      180
ttttctcggc gcattggcag gcgggcaggg atacgattca ggtaataacg gctgagatta      240
cggatttgat ttatgatttc tacggtttcc ccagccattt ttacaaggag aagtatccca      300
atgtgggcag cagggagggtt gcgaataagg tgcttgatct gctcgggaaa gcggggatta      360
aggcgggaagg tgagaaaaga ggcttggatc acggcgtgtg gtcaagtatt aagtgtgcga      420
tcnacccttg attggacccc gttgaatgtg cccattgggc aaggtttccct tgttcaagaa      480
gaaaatccat gcaccgcatt accggctccg gtcaagcccc gatcaaaacta ctgctatgaa      540
atacaactct caccgattact cattagatac ggaacatatc tcgcctctca gacttcttcg      600
tttcatcgac aacattgtaa gtaacgcctg ccataccgct tacatcactt attacgtcga      660
tgtctatcga catcgtcgac ggccaatata ctcgatcatt ccccttcac cctcgccgc      719

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<210> 5616
<211> 701
<212> DNA
<213> Aspergillus oryzae

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<220>
<221> misc_feature
<222> (1)...(701)
<223> n = A,T,C or G

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<400> 5616
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attctatgta tacccggtac aggccaccga cgacgcccta tttcacattt agatacgcgc      180
attagtgtgg attgtgataa ggtgcaccta ccgttccctt tccgcgtggt catctctacc      240
ctttcgagaa acgtgaagat acgacgagga caaaggcgga ttgcattgtc caccactaa      300
attatctatg tgatgctcct gtccctcctt tttgattctc atttttgttg taattcatcc      360
ttggatgggt cccgggctac cctttaatct tttcatacgg gatccgaagg acctgtactg      420
cgggtcagtc actttgggtc atattgttgc gtatctcgcg agaaaatggc acatttgatt      480
tggtcgtgct cgggtggttt ctttttgtct caccctgaac tctcttggtc atatcgagtc      540
aggtcattga tcggttgaca cagcaaatTT tgatgctaca gttagggctc tgtaatatta      600
aaatcttang ctttggtttt gagagaatng gataanccga cgannnnnat tttnnnnntt      660
tannnnnnnn nnnnnnaaaa aattcctgcg gccgttcgac c      701

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<210> 5617
<211> 653
<212> DNA
<213> Aspergillus oryzae

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<220>
<221> misc_feature
<222> (1)...(653)
<223> n = A,T,C or G

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<400> 5617
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cacgacgagc agattaataa atgaaggaat tgctaltggt tttaccggga tgattatata      180
acagatcgag aacagccaaag aaagtaatca actaagcctt tgttaacggg gtacccaacg      240
ggatagcgtc ccccgcgctc ctcaactgaaa cctcgccaat tccgacggca cgttcaattt      300
tgtctcacc cgtttcagac cggacttgaa agtgaccttc rnotcqaaga cgacaaccac      360
gtccgagccc ccaaattgga agtacgagat gttgtcgccc ttcttgacat ggtcgccttt      420
cttcacgggtc atcacaacgg atgatacctg agccatgcc aatgggcaaca ccgccacctt      480
accatagtct ttcgtctgaa tgacgatgag ccacgggtc tgacaccatt gataaccggc      540
gttgctccgga gcatccagat tgtaatagcc atgaccgcca ctcaggagcc tttccctgoc      600

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tcttgtgatc atatgcggtg tccggatcag tcttctgtcg ccggacaagt gan

653

<210> 5618

<211> 714

<212> DNA

<213> *Aspergillus oryzae*

<400> 5618

ggttttttaga	ttgagttact	cctctcttca	gttgaagatt	atacacattt	aattgattaa	60
tatatcgctt	acaaactaca	ctacaaacaa	acacacataa	tgaagctcct	caccaaggaa	120
gaagaagacg	ctcactacag	agcagtccta	aaaggcgcca	caatcggcac	cgtcctcggt	180
ctaataggcg	gctacgcggg	cgctctcgcc	gcaccccgcc	gtaccacac	aatccgcaac	240
ctaacgctcc	ccatgaaagc	cttctctgtc	acctctcgcc	gtaccttctg	cggcatcatc	300
gcagccgaca	actcatcccc	gaacttcgaa	gttgagcgca	acgcccacca	gcaatggtag	360
cagaaccggg	agcagcggtc	gcgcgaggag	tcgctgcagg	ggatgagttt	catggagcgg	420
tcgctggcgt	gggcgaggaa	ggagaagtat	acgattgtta	ccgcgacgtg	ggtggcgtct	480
a'gattggga	gttttctgtc	ggtgggacgc	aatccgtacc	tongrggaca	gcagaagatt	540
gtccaggcgc	gtgtttatgc	ccagggtttg	acgcttgccg	ttctgggtgc	ttctgcggcg	600
tttgagatca	gtgatcagag	gaagggggaag	gggattttga	aaaaaaaagt	gaggaaaagg	660
aggctgctga	tggaaagtct	ggtgttgttg	ttgaggagga	acctttagg	cata	714

<210> 5619

<211> 580

<212> DNA

<213> *Aspergillus oryzae*

<400> 5619

tatgcccgctc	cattcgaata	cggcgcgagg	gggtaaagat	actcactgga	caggcaatat	60
ccgcctcacc	caaagacatc	ctccatgaag	tctatctact	cgtttgtgct	gtgcactgcg	120
ctcacggcgg	cttctccgca	ccccgcattt	ccacaatcac	ctctgggtgt	gccgacaaca	180
tcgtcaccat	caacagggac	gttcaattcc	gccgaggaag	tgatcaatgc	ctcgcccttc	240
ctgtcttttc	accgagatat	tgtgcagatt	gaatctatct	ctagcaacga	gcacaatgtc	300
ggggagttca	tcgcgatttt	tctccgcgcc	cgcaacttca	ccgtcattga	gcaggcagta	360
acttctgtctt	ctcaaacaga	aaaccaagag	cgttttaacg	tctttgccta	cccgtcgtct	420
aataccccg	aaatctctat	taccagtcac	atcgacactg	tcccaccatt	tatcccgtac	480
tccttggaca	ccgactcgac	cacggataat	gacccgtcca	cgatccgtat	cttcgggtcgc	540
ggcttcgggtg	accgcaaaaag	caccgttcaa	gcctatatatt			580

<210> 5620

<211> 653

<212> DNA

<213> *Aspergillus oryzae*

<400> 5620

tacctctctt	acctctcacc	ctgaagtata	cctcgattta	actcaaccag	caagcaagat	60
atacaacata	ctaataaata	ggaaacaaca	cccacacgaa	taagaaaata	tagaaagggg	120
aaaaaaaaagt	caacatggct	acccaccgct	tcgaccccaa	tttcaccgac	aatgtcgtca	180
acgccatggg	ccccaaagac	aaacctcggt	tccggaagct	catgaccagc	ctaatacgcc	240
atgtccacga	cttcgcgcgc	gagaacgagg	tcaccggtga	cgagtggatg	gctgggtgtcc	300
atgtgatgaa	ctgggcgggt	caaataagag	acgaacgagc	gaatgagggg	caactagtgt	360
ggagcgtgat	cgggttggaa	tccctcgtag	acgaatccac	cttcaaaactc	gtcgaaaagg	420
ongaagacgc	tggcaccgga	actgctatcc	tgtgcccatt	cttgcgcgcgc	gataccccct	480
aacgpaagaa	cagcgaaaaac	attgtcaaaag	gggtcccaga	tggcgacaag	gctgtccatag	540
catggcgagg	tatggaattt	accaccaaga	aacctctcgt	gggcgcacaac	cgggaaatgc	600
gcaacaagt	gaccaaaggg	tggacaaacg	gcgggatata	accagaagg	aac	653

<210> 5621

<211> 1908

<212> DNA

<213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1908)
 <223> n = A,T,C or G

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agagcaagggt cctgacagcc ctatcctcga ggatctgtat gatcgtatgg acaaaatgga      180
tccctccact tccacactc gtgcttcctt gatcttgact ggtctgggat tcaacanagt      240
taccatcaac aagaagacca aggacatgtc cgggtggttg cgtatgcgtg tggetcttgc      300
caaggctctg ttcgtcaagc cttccctgct tctgctggac gaccctactg ctcacttgga      360
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ggtttccaac tccatggact tcttgaacgg tgtctgtacc accatgattg atatgcgcac      480
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gggtcttggc cctctcgctg cactatgtag gntatgntn atgacgaggc atggaactac      1860
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<210> 5622
 <211> 1140
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1140)
 <223> n = A,T,C or G

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tgtgattaac cctagcagcg gcccagggcc caatgccttg cccgatgcta attatacccg      180
agagattccc aaqctcgctt cttatgacaa cgtgcgtctc ttaggttatg tccctacaa      240
ctgggctaaa cgaacatct cgggcgtgag tcgcgacatc gcaacctaag cagaatggcc      300
gaaccaacagt tcgaaccccta agctcgcggg tcgggggtata ttctttgatg agacgcccc      360
acagtatgat gccgatgcgt tgtcatattt gcaagagctc acctcattcg tgaaaggcct      420
ttctggctct ggtccagaca actttattgt ccataaccgg ggagcggttc cagactctcg      480
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tgccaacttc	ggggataggt	ggggcgagtt	tgtcgattgg	atggctaaat	aattcctacg	780
ggcggcgctt	ttcgagcata	cctgatgcaa	cattgcttat	gacaggggcc	cgattggcgt	840
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tatttgactt	tggcggttgg	gactatcana	tgatacctag	aattacgata	gagtttacga	1020
tcgtcaagat	ttcctttttg	ttttctcaaa	ananannnnn	nnnnnnnnnn	nnnnanaaaa	1080
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<210> 5623

<211> 1596

<212> DNA

<213> *Aspergillus oryzae*

<400> 5623

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tcagtcacaa	tgggaagagga	agttgctgct	ctcgtcattg	acaatgggtc	gggtatgtgc	180
aaggccgggt	tcgcgggtga	cgatgcccc	cgtgctgtct	tcctctccat	tgccggctgt	240
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gcactgacaa	agcgtgggtat	cctcaccctc	agatatccta	tcgagcacgg	tgctgtcaca	360
aactgggatg	acatggagaa	gattttggcat	cacacattct	acaacgagct	ccgtgttgct	420
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<210> 5624

<211> 657

<212> DNA

<213> *Aspergillus oryzae*

<400> 5624

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cacaacagca	gtccaatoga	cgaacggggg	tgggtggggc	aatggattca	tccaaacgac	180
gctggccaa	ggagccaaa	gtcagaacta	cggccacaac	ggagcgacaa	ccgtcacgtt	240
ccggcgggga	ggtgactggg	acacctctct	caagaagggt	gagggaggtg	aagccaatca	300
tcagccctac	gtgaccatcc	aattcggcaa	caacgaccag	aagccgactg	ccaatattac	360
catcgacacg	tacacgagca	atctggagac	tttcgtcgga	gatgtgcgga	atgcgggggg	420
agtcctccgt	ctagtgaact	cactttcgcg	gcgccagtac	gataattcta	ccggagtgc	480
cactattatc	cggagtcttg	aaaatgagcg	ggtcgcgacg	atcaaggccg	caaagaagac	540

gggagcgtcg	tatattgacc	tgaatcgcg	tagcacagta	tacctgaaca	gtattggggc	600
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<210> 5625
 <211> 721
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
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 <222> (1)...(721)
 <223> n = A,T,C or G

<400> 5625						
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atttgacggg	gtggtagttt	caqaatgcct	ggagatggaa	gctctcactc	ataatatcgg	120
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gtcattcccg	gtgcagcagg	aggcgatcac	cgggttaaaa	cttggcgtgg	agaacggtat	240
cattggcaga	gctcgtatag	aacagtcatt	acgcagagtt	ttgagcttga	aggcgaaatg	300
cacctcctgg	gaacaggctc	tcaatccctc	gggtctttcc	tcactcacc	agatgcaacc	360
ttcccatacc	actctctcta	cgagagcgta	caacagctct	atcactgtcg	ttcgagataa	420
gaaaactctt	ttacccctgt	ccaacattat	tgagcccagt	gaggaattgc	tgcttctgac	480
cccattggtc	aagccattac	ccgcttctgc	agtgtctcgt	tcagtcactg	agcaccgcga	540
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cttcagggaa	ctagggaggt	cactatcaen	gcaaagaaat	gggcgtgttt	tgcatacctc	660
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t						721

<210> 5626
 <211> 679
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(679)
 <223> n = A,T,C or G

<400> 5626						
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agcagaagct	gcccgtactt	cttccgtgcc	cccgttcacc	agagacagac	cttttcgata	180
tccgcgcgct	ccttcgcgcg	cgtaaacgca	gctatggccg	acgcgaccgc	aggggtgacc	240
cccagaggac	tgaagagcaa	gttgatcgag	cagttgcagg	cacagcatgt	tgagattgag	300
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aagaagacca	tgcctcgctc	tcaccgattg	gtaaactcgg	ttctgaaggc	cgaaatcgca	420
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gatatactct	gggtatttct	acgcgcttgt	agcatatang	catgcgttgg	agattttatt	600
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<210> 5627
 <211> 648
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(648)

<223> n = A,T,C or G

<400> 5627

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caccggagat	ggcgggcttt	tcgcccagct	atctagcaat	cccttcttca	cagcgggctt	180
cggctctgcc	ggcttaggtg	ctgggttaag	tttcgctcag	aagggcattc	ggcatggcgc	240
agcactcctg	cgaaggcgca	tgctcgtgga	tgtggaaatc	agcgtaaagg	acgattcgta	300
tccctggttt	ctacattgga	tgacgctata	ccaacgttcg	cagctcagtt	cggctcagtc	360
agcggccagc	aggtctggct	atatggaaac	cttactccag	aagatgaccc	cgggatgctg	420
ccacctctca	atccaaacgc	agaaagtcca	acactcanac	ggggccatac	atacacatnn	480
ttcgctagtc	cccgggtcag	ggagacacgg	tcttgcgtag	aagaatgcgt	ttatcttcga	540
aatcggtatg	gcgagtcgaa	gcaactggac	ttagactggg	cggccttgga	aacgattacc	600
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<210> 5628

<211> 736

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(736)

<223> n = A,T,C or G

<400> 5628

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ttgttgattt	gcattcggac	attgatggac	attgacagtt	cactgtatta	ttgggattga	540
gggttgattt	ttgtactat	cataccagca	tcgcaggcgc	acatatatat	cacttaatcg	600
ggtttcaact	tgagggtgta	ttctacacct	gtccagattc	tctacgggtt	gctcaacagg	660
acacgtgact	tangatccta	ngtctcaaac	aacagtgtca	tcattggcca	gttngaaagg	720
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<210> 5629

<211> 674

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(674)

<223> n = A,T,C or G

<400> 5629

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aagatctgga	tgacgtatcg	atctgatttc	cccccaatac	caagactaga	caacgacgaa	360
ggaatcctc	cgatgacgct	aactgtacgc	ataagaaccc	agctaattgga	ccctcaaggc	420
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gcaatgctta	cactctgcct	atgtcgaggt	atgaccccc	accctttctt	agccctacat	540

ctacacatat	aactccaata	taatactctt	gttctatata	ggccacatgc	taacatatac	600
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<210> 5630
 <211> 682
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5630						
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<210> 5631
 <211> 613
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(613)
 <223> n = A,T,C or G

<400> 5631						
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<210> 5632
 <211> 500
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5632						
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500

<210> 5633
<211> 689
<212> DNA
<213> *Aspergillus oryzae*

<220>
<221> misc_feature
<222> (1)...(689)
<223> n = A,T,C or G

<400> 5633
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ggtcgcaaca agttcaacgc caacggccaa accgcccgcg tgggcgcaa gtcattcggc 240
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attaacggag cccatggact tatttggtt 689

<210> 5634
<211> 929
<212> DNA
<213> *Aspergillus oryzae*

<220>
<221> misc_feature
<222> (1)...(929)
<223> n = A,T,C or G

<400> 5634
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ttgatgtagc caccgatgac gccgcccggg agctctgggg tcgtcgctcc aagggtaaaa 180
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ccaaagaaag caaggccgag aaggcaactc cagctgctga gcagaagcag cccctccctc 540
cagccgtcga agagaaaaag gaaggaggcg cagacagtgt acgtcggaaa tcatcggttg 600
ctcccagat cgttgagggg gccaaaccaa agcggccacc tctggtgcca gaggttgccg 660
cgggtgtctc tgccaatctt catgctgata atgccgaagc actaggatta gttgagcatc 720
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<210> 5635
<211> 552
<212> DNA
<213> *Aspergillus oryzae*

<400> 5635

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aagaaggctg	ggaagctcaa	gtctagcacc	aaggaaatca	agaaacctgg	aagcatgaat	180
ctccccaaga	aggacaagaa	gagcagcata	aagccatcga	aacccgagaa	gcagcgctgg	240
gtcacatata	aggagaagca	aatcatatcc	aatgggatca	gtagccttcc	ggataaaaag	300
atgcaggaag	cgcttaagat	catccagagt	aatgttccat	ctctaaaggg	caccaagag	360
acagagattg	aactcgatat	cgatgagctg	cctaaccgatg	tattactaat	gctgctcaga	420
ttcgtcaaga	agaatgcacc	ccaggctcatg	gaagacgaag	acgtggcgac	gccactgct	480
atgatgaata	ctgctgctgc	tccccaaccc	aagaagaaca	agcctatgag	caagtttgaa	540
caggaagctt	aa					552

<210> 5636

<211> 524

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(524)

<223> n = A,T,C or G

<400> 5636

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agcgccagca	agaacgctgc	gaagaaggcc	gcaaaggaga	aggccaaggc	cgagaaagct	180
gctgcgcgcg	ccgcccagga	gaaggctcag	gccgccgctg	ctgaggccaa	cgacaccgca	240
aaggatctct	acggcaagat	cccogaatcc	gaagacgtcc	tccccaccac	gaagttcgat	300
gatattaccg	atgaccacta	cgagaaggag	atcacctggt	tcgctcgtgt	ggacaatgcc	360
cgtgttcaga	gtgccaagct	ggccttcctg	atgctcagac	agcagggcaa	gaaggtgcag	420
gctgtttattg	ccgctgcgga	gcccattctg	agacagatgg	tcaagtacac	cggtggactg	480
gacgtcacct	cattggccag	gttactgggg	tggcaagaac	cccn		524

<210> 5637

<211> 671

<212> DNA

<213> *Aspergillus oryzae*

<400> 5637

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agaatgaaag	acagtgactc	acgtcctcat	tcaggacctc	aacgcaaaag	cctcttaaag	120
tacacagcag	gttggcggag	aatcgtcagc	aacttttagtc	catcatgggt	ttccacaaca	180
atggggacag	gcattggccg	aatcttggtc	catcttatgc	ctttcgagca	tgccgcgctg	240
cagtacatag	ccatagcctt	ttttgttctg	aatgccttgt	tgttcctcac	cgtgctcggc	300
atgtcaattc	tccgctatac	tctctatcct	gaaatctgga	agggcatgat	acaagaccca	360
gttaactcgt	tattcctggc	aacttggtccc	atgggctttg	ccaccttgat	cgagttgtgg	420
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attattgatg	cgggcgcaac	gggggcggtc	accggatcac	tctcatttat	tcttatttcg	540
caacattacg	tcccatcggt	agagcgaata	accgcctggc	attattggcg	atcggtgcac	600
aaacttggcg	ttcgggggtt	gaagccagat	cgcgggaatt	tttgtcaacg	cgccagcacg	660
cccatggaa	g					671

<210> 5638

<211> 734

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(734)

<223> n = A,T,C or G

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<400> 5638
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cttggaaacat gccaaagggcc acacagtga agagagtatt taccggctgc caaacggcga 180
aaggatatgg gatttccgca agctaagcga ccatttgata gaacgacacg ggtatccaat 240
agcgtttatg gatcgacaaa cagttctcca aacgctatat aacaaaattc aggataaaag 300
caagattctt acaggaaaaga gggttaaagc catagacagc tctgatccga ccgtggtgaa 360
agtgattacg accgatggat caatatacag tggggacatt gtcgtcggcg ccgacgggat 420
tcattcaact gttcgccagg agatggcacg tttaaacgta aacacgggtc gagattactt 480
ggaagaaaaa tcattctctg caacctactc ctgtgtcttc gggatttcac accggactcc 540
cggcattgat gcttgacccc ttcaggacgt attcaatgag aagttctcat atcttattgc 600
tgacgggctt ggtgaccgta cctatttctt cctgttcgag cacatggata gggtacgatt 660
tggccaggat attcctcgac tcacggagac ggaccgagac gaaattgtcg cagacacctt 720
aatgatccga tcan 734

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<210> 5639

<211> 656

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(656)

<223> n = A,T,C or G

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<400> 5639
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ttacgtccgc ctgcctcacc gtcccgtctg cgcatttttc aacttcggtt gattggccac 120
gcgaccaccg cggaagaagc cgaaaaccgc acaacttcgt ctgccttat ctacttggtt 180
acagccgaca atgtcatctg cagccatgtc gaaaaagaac aaagggaaga aagtggccga 240
tccgaatgag acttccaaac tccttgccgc aaagatttcg cagctggagc aggatgctgc 300
tggcgagaag gaccaagaag cggaaatcga gcgtgaagtt aagaaagcta cagcagacct 360
gaaccagctc ctacgaata tcgaatctcc gatgaccctt cttgaaaccg tacacaaaaa 420
gtacaccgaa ctggttgccg atatgaaaaa gctggaccgt gactattcca aaagcaagaa 480
gcgggccgat caactacaga aggatcaaga caaggggaaa tcggagctca ataagactgt 540
gaccatgaag gataaactgg agaagttgtg canggagctc acgaaagaaa ataagaaggt 600
caaggatgag aacaagaagt tagaggatag cgaanagaaa gcacgactga tcgtgn 656

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<210> 5640

<211> 1197

<212> DNA

<213> *Aspergillus oryzae*

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<400> 5640
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gcgcgtcttg atccgtgtcg acttcaacgt tcctctcgat gccgacaaga agatcaccaa 180
caatcagcgt atcgtcggtg ctctgcctac catcaagtae gccattgaga atggtgctaa 240
ggcggtgttc ctcatgtccc acctcggccg tcccgatggg aaggccaatc ccaagtaacg 300
cctgaagcct gttgctactg agctggagaa gctgcttagc aagtctgtca tcttcgcgca 360
gaactgcgtc ggcaaggaga ctgaagagat tgtgaacaag gccactgggt gccagatcat 420
cctccttgag aaactgcgtt tcacgcgcca ggaggagggt agctctaagg atgcggaggg 480
caagaaggte aaggetgaca aggagaaggt cgaagagttc cgcaagggac tgactgctct 540
tggtgaagte taatcaaacg acgctttcgg aactgccac cgtgctcaca gctcgatggg 600
tggtgttgac ctgcctcaga agccttcggg ctctctgggt aagaaggaaa ttgagtaact 660
tgctaaggct ttggaaaagc ccacgcgccc ctctctgggc attctgggag gtgccaaggt 720
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tggtgctatg gccttcacct tcaagaagac cctcgagaac gtcaagattg gcaacagttt 840
gttcgatgag gccggtagca agattgtcgg cgatatcggt gagaaggcca agaagaacaa 900

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tgtcaagatt	gttctgcccg	ttgactacgt	gaccgctgac	aagtctgcgc	ccgatgccaa	960
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tgagaagagt	gttgagctgt	acaagaagac	tattgcccag	gccaaagacca	tcctctggaa	1080
cggctcctct	ggtgtcttcg	agctggagcc	cttcgccaac	gctaccaaga	agacccttga	1140
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<210> 5641
 <211> 1065
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(1065)
 <223> n = A,T,C or G

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cacgctcccc	tgtacctcgc	tcagagcaag	ggttacttca	aggaagaagg	cctgaagggtt	180
gctctgctgg	agcccaatga	ccccctctgat	gtcactgaga	taattggtag	cggtaagggtt	240
gacatggggt	tcaaggccat	gatccatact	ctggctgccca	aggctcgtaa	cttcctctgtc	300
acctcgattg	gctctcttct	tgacgagcct	ttcaccgggtg	ttgtgtacct	caaggatagc	360
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ggaaagattc	aaatcgacga	gtccaccaag	tactatggca	tgactgcgga	cgactacact	480
gccgtccgtt	gcggcatgaa	cgttaccaag	gccatcatcc	gcggtgacat	tgatgccggc	540
attggcctgg	agaatgtgca	gatggttgaa	ctggccgagt	ggctggcatc	ccagaaccgt	600
ccccgtgacg	acgttcagat	gtcccgcatc	gaccagctcg	ccgagcttgg	ctgctgctgc	660
ttctgtctca	tcctctacat	tgccaacgat	gccttcttgg	ccgccaaacc	cgagaagggtt	720
cagaagtcca	tgctgtctgt	caagcgtgca	acggactacg	ttctcgcaga	gcctgcagcg	780
gccttcgaag	aatacattga	catgaagccc	atcatgggaa	ccctctgtcaa	ccgtaagatc	840
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aaggttacca	actacggaaa	gcgtctgggt	atccttgatg	ccgacttcca	gcctaactac	960
accaaccagt	acctctctctg	gacgttggac	gcggatncga	ccgacctctt	gggtgaccag	1020
aagcggattg	cggaaacttgc	aaaaggaggt	tgcttggggag	gttgt		1065

<210> 5642
 <211> 561
 <212> DNA
 <213> Aspergillus oryzae

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ggggaaaaaa	cccaaagggg	gggccccaaa	aaaaaacccc	ccccaggggt	cccggttttt	180
aaaaaaaaatt	ccgggtgggc	ccccaaaaat	ttggggaaac	ccccccggcc	aaaaaaattg	240
gggcccccaa	ggggggggcc	aagggggccc	gaaaaaaaac	cctgggggga	aaccccttaa	300
ggccccaaaa	cccccaaaag	gggggggtta	aaatggggcc	caaaaggggc	ctttttctta	360
aaaaggggcc	cccagggggc	cctaaccctg	gggaaagggt	ttttgggttt	tcctctgcta	420
aaaaaccccc	ccagagaaaa	ttttttaacc	cggtttaaaa	atatatgaat	tttggccaaa	480
gggagccttc	gaaaagcaaa	actcccccta	aaaaacttcc	cgggaaaaat	ttttccccga	540
aaaattggcc	cttttttoga	c				561

<210> 5643
 <211> 650
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature

<222> (1)...(650)

<223> n = A,T,C or G

<400> 5643

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tgcgtgggtc	attttacaca	agctcattga	gaaaggagct	gatagtccac	gagtgaacgg	180
atcgcatcag	acgtgtctcc	accttgccag	cagggcaggt	aacctagagg	ttgtgcgcaa	240
tcttgtagca	aacggccatg	atattctgct	gaatgatata	catgggctga	atccattcca	300
ctatgcactg	aattatagtt	gcttagatgt	cctgcagtac	atgtcagagt	ctcgcgagag	360
cgagctttcc	cagctttggc	actcgctgga	tgaccacggc	aggagtccat	tgccaccatca	420
tgtctcgtcc	gtcctctgct	atgttgacgc	ggttgatatt	ctgatacagt	gtggttgcca	480
cgccaacana	cacgacgcan	aggggaactc	ttgcctcagt	ctggtgctga	tccactatgg	540
gtcagtgaac	gtcaagaaaa	tctggcgcat	cttcttaatg	catataacgg	agcagatcat	600
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<210> 5644

<211> 439

<212> DNA

<213> *Aspergillus oryzae*

<400> 5644

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ggagagacta	tggtggatat	tcttcacctt	ctcgggtctca	gcaaagaaga	tgtcaaggaa	180
ctgaccaccg	aagtagcatg	agcgtccacg	aagccgtagg	tgtgtcgcaa	acacgacaga	240
agacacatcc	tattgcaatg	atatctggcc	aagattgctg	ggggacgttc	gcccgggtgca	300
ggttttccac	ttggatcttg	ctagcagggg	cttagaaaag	caccgggttg	tcggcgcgct	360
ttgctcgatt	atcttctttt	ctaaaccgag	agactcagct	ttggtacgta	tgggctgcct	420
gagttttcac	ttcttgggc					439

<210> 5645

<211> 1215

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1215)

<223> n = A,T,C or G

<400> 5645

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attcctcttc	cccccttctc	ttctatcaat	tctggatacc	cgtttgaccc	tctcccaggg	180
gtcccgtctc	gatatccgtt	ttttcccctg	gcagccgcaa	cgcgtgtccc	cccgacgtca	240
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caaccactgtt	cttggttcgtg	gaggactatg	cccaatccct	ccgtcctttc	tttctcataa	420
aaagacgttt	cccgacgtat	gatactatcg	taaggtctac	gacttgaggt	ccgttcgaac	480
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ttctcctctt	cttattctct	ttattctcaa	acggtcctca	tgtcctctta	cccaaccgac	660
cctgtctttt	cttctaaagt	cctgtccggt	cgtatccatc	tcaaacgatg	tgtctcatgc	720
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gttgcgtctg	tggccctcat	caccttctcg	gtatgggtgt	tcttcgtccg	caagaagcgt	960
caggaattag	cccaacaaca	aggaaccagc	gacggcgaaa	aattcagcac	cttcacccat	1020
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aacgtcatcc	agaatcgcta	catccctgga	gtcaccaacc	gttcgcccc	ggaaacgccc	1140
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<210> 5646
 <211> 1128
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1128)
 <223> n = A,T,C or G

<400> 5646						
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ttcccgtgca	gactggtggc	cgtccctcca	ttcccacgtc	ctcagcgccc	gagatcttgt	180
gcgccccatc	cacccacact	ggctgggtat	cacaaaaaaa	ggccgcatag	ccgtgctaac	240
aaattaccat	gaagacacct	gcgcaaaaag	cgtcgggaaa	tacagccgtg	gcgaggtggt	300
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atggaccacg	aacggagagt	tggccaatat	cggcggattt	aacctcgtgt	gtggaaatgt	420
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gctgcagtgc	attctagtgc	gtccatgtat	attaagaggg	tattgcggcg	ttttggggac	1080
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<210> 5647
 <211> 627
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5647						
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cctccacctc	attcccactt	cgtaatgacg	acgccagata	ctccctctgt	gcgcgatccc	180
accccccaac	cttcagaccc	tgttcgtca	acgtcgccaa	gcacggcctc	ctcagcccca	240
gctcagcaat	attcaacgta	aacctccaat	ccgcattcgt	ctcactcccc	tcgcagcccg	300
acgacgacct	cccttagacc	acctcttctt	ccattccac	aacgcgactc	actccatccg	360
ccctcccttt	aaacataaac	cgataccctc	ccctcacagt	aacactaacc	ttccacctct	420
cccccaaccg	aaaccacacc	ccacccccgg	gaaacgccat	cttcctatcc	tcctccctgg	480
ccggcatata	aattaccccg	acaacaccac	cctgattctg	ttgttctcca	qgtaaatgcg	540
catacccatc	gctctggaca	atgtacatgt	ccctggccgt	caacttgccg	ggcgcatcgc	600
ccagatgtta	ttgcgcgaga	gcacgcg				627

<210> 5648
 <211> 993
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5648						
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tcatgttgaa	accttccgtc	ttccgtcaga	tgaagtggac	agtgacgacg	atcaggcgtc	180
gacttccctca	tccgcgaaatg	gtcggaggaca	tattgatagc	atgtggaggga	cgagaagaca	240
taagggcagt	tgtcgggtgct	taacattttg	aattgacggg	gaatcgttgt	actccgctgg	300
aacagatggg	ttgggttaaag	ctgcaaaggc	agagaccggg	gtggtagaaa	acaagattgc	360
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ggttgggtctc	ggaagtggg	gtgttaagtt	cgtcaggatt	ggccccaaca	aagttgtgtc	960
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<210> 5649

<211> 1188

<212> DNA

<213> *Aspergillus oryzae*

<400> 5649

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tcatgggtac	cagctcttcc	ctgtttaacc	agttcattct	gcgtctgaac	ggcaccgata	180
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aggacattgc	agtttacgca	cccaaccctt	tctacaaata	tcgcaattca	acggcagcat	300
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tacaccggtt	gattcagccc	acccgcaacg	tggatgtgat	ctttgccgtg	gattcgtccg	420
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tttgcctatc	caaaattctg	aatattccct	gattgcattg	gttgtgtttt	atagcgcatt	1140
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<210> 5650

<211> 1248

<212> DNA

<213> *Aspergillus oryzae*

<400> 5650

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tggccgcgcg	agagcaqttg	tatgacgcgt	tgtaccagtg	ggataaaaatt	ggatcatttg	300
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ataccaagac	ggacgggagt	cagacctccg	cccgggatct	tacctggctg	tacgtgcac	540
ttctcacggc	caacaaccga	cgaaacgcgg	tcttctctgc	accatggggc	gagaccgctg	600

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gtgatgtggc	gctgtcatat	tcagtatata	tgttcgattc	tgtgaaatcc	gaaggcagag	1140
agaccaagag	agggcccacc	tattcgtgtg	taatagacaa	gatattgtta	gtgtcctatg	1200
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<210> 5651

<211> 633

<212> DNA

<213> *Aspergillus oryzae*

<400> 5651

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accctgtcga	cccgaaccgt	cgcacacaga	acactgctag	ggcccatact	tcatactctg	180
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tagaacgtac	agcttgacga	acgaacaccc	tcacctggag	gaccgattcc	tgaagaaact	420
gatggagctg	gacgagacct	acattgctct	acacactact	atgtatagca	ggcgtgaccg	480
tatagacaat	attgacgatg	tacctaacaa	cagtgaagtg	gatgctgtcc	aagctgagat	540
atactacagc	tatgctaaga	gccgaaatga	ctgtagcatt	cttctggacg	aggtatcata	600
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<210> 5652

<211> 643

<212> DNA

<213> *Aspergillus oryzae*

<400> 5652

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aaccaaacctt	ctacactaca	gaaagtgaag	agcgaccatg	tcgtccctcc	gtcagcgaca	180
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aaagaccaa	tctcgcaacg	agaaaaacgg	cctcagcgtc	cttgatatca	tccgtgtggg	300
ggteacactg	atcgtcgcct	catgcggctt	atcctactac	atgacgtctt	cggagtccgt	360
gctatggggc	tacaggccgt	ggttcactag	atggccgggtg	ttggtccggg	acttgcaagg	420
acccttgagt	ctcagccctc	cgcacactcg	cctctacaac	ggctccgact	cgactctccc	480
aatctacctc	gccatcaatg	gctcgggtgt	cgacgtctcg	gcgaacccgc	tcgtgtacgg	540
accgggcgga	cactacaatt	tcttcacggg	gaaggatgcc	acgcgcgcgt	tcgtcacggg	600
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<210> 5653

<211> 690

<212> DNA

<213> *Aspergillus oryzae*

<400> 5653

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actttattat	actctactcc	ctggacaaga	ttattcatct	actcaaaacta	cgaatatgtc	180
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ctccctacgg	gacccttctc	tccccttcgg	cgttgatctg	gccctacctc	aagttggcgg	420
aggagctcgt	gctacaaacc	acgactacac	ccacggtcag	ctggaccagc	tcatcgacgt	480
cgtcatttcc	cacggcgcca	agctcttcgt	ctccgcggtg	gggtgtgccc	ctgagcgcgt	540
catcaagaga	ctacacgacg	ccggcatttt	gatcatgaac	atggtcggag	cacccaagca	600
cgccgagaag	gcacttaagc	tgggcgtgga	catcgtatgc	gtccaggggtg	gtgaaggagg	660
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<210> 5654
 <211> 713
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(713)
 <223> n = A,T,C or G

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cagaggcgcc	taaggtggag
atgaagttac	cgaaatgttc
atgcagaggc	cggcgaaggc
ccgccttgaa	aaagaagaag
agctggctga	ggctgggtgca
agggcgacct	cgaggccgga
actctctgct	tgtctcccca
ccagcgggtgc	caagtcgtat
ctttcccaact	ccgcttttagg
tctacctttt	ttttgacgtc
tctggcgggg	ccgaacagggt
ctgtcatcat	ggataccaac
agaatgaagc	cacagccgac
aagcccaccg	aagtcgggtcg
aagggattgt	ccaagaagaa
gacgaagctt	cccccgcgac
agaaggttga	cgcgggcgat
gagctgagga	gacagaggag
gggcccacga	cgcaacgcaa
tcatttcagag	ccaccacccc
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agtgctgtgc	
tgattccaga	60
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ggcgaagtca	180
aagcctaagg	240
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<210> 5655
 <211> 667
 <212> DNA
 <213> Aspergillus oryzae

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gtcaacacaa	aggaacgtga
gcaatgaacc	ttatcctagc
gatatacgtt	atgatgatct
gcgcgtgacc	gtcagcgctt
tacctgagtg	tctccttttg
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<210> 5656
 <211> 672
 <212> DNA
 <213> Aspergillus oryzae

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ctggtttgtgt	tacggtgctt
gttgactctc	ttttcgtcct
tctgattttc	cctcaaaaacc
	60
	120
	180
	240

gtgacaaaga	aagatgtcag	gccgaaacat	caacctccta	agcctagatg	gcggaggcgt	300
gcgaggtctc	tctctgctta	tctgtctcaa	agagatcatg	gaatccatag	accgcgagaa	360
cccccccaag	ccatgcgact	acttcgattt	gataggaggc	agcggatcgg	gtgggttaat	420
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tgcgcgaaa	tatgacatca	agaaagtgga	attggcgctg	cggagatcc	tgcgagaact	600
gagttatgag	aaggatactc	ttctgaggga	ggaggcgggg	tgtaagggtat	ttgtttgtgc	660
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<210> 5657

<211> 271

<212> DNA

<213> *Aspergillus oryzae*

<400> 5657

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gcagagcatt	ctgcagcaag	caagaaccga	cctgctgctc	tgcagaacac	atgaagatgc	180
ccaagtccgc	ctgaagattc	aaaactgtgg	gtggtctgtc	atccgctggg	accggaacg	240
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<210> 5658

<211> 681

<212> DNA

<213> *Aspergillus oryzae*

<400> 5658

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ccagaagatc	aaaccccgctg	ttgagcaagt	ctgtgcgcaa	cttggtctcc	agtatgcgac	180
ggaagagaa	gcgggacgca	tttatgtcaa	tctcaccggc	ggaccggctg	atatgtctga	240
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ccccgtcgag	gagatggctc	acgcggttct	cccacgtgtg	ttgcgcaagc	tggagaaggc	420
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<210> 5659

<211> 546

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(546)

<223> n = A,T,C or G

<400> 5659

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cggtaagacc	adaacctgat	ttactattag	tattcaggcc	cttcttgaaa	ttagatggct	240
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catgctcacc	tcttttccgt	tgttggaagg	accctgaatc	gaggcttcgt	ataaagcgct	480
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acttttt

546

<210> 5660

<211> 679

<212> DNA

<213> *Aspergillus oryzae*

<400> 5660

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cctcggaagt	atcgatcgaa	cctccgcaag	atgggtatata	gctactagac	acccaaagcg	180
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<210> 5661

<211> 607

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(607)

<223> n = A,T,C or G

<400> 5661

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<210> 5662

<211> 573

<212> DNA

<213> *Aspergillus oryzae*

<400> 5662

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cccccttgga	aaaagggggc	aaaaaaaaaa	tgggaaaagg	gccccccac	cttaatttta	180
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aaacccccgt	gttccccacc	agacaccacc	taaccaacct	gtctccaaag	ccccctaaaa	480
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<210> 5663
 <211> 1493
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5663
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 ggaagtcacg gaatactttt ggctggactc tcacaatgat caaggatatc taggtaacgt 180
 ctttggcggt ggccggtgtt cgttcccagt catcgatgca ttcacatgcc ctccctaagc 240
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 tetgagatta tacggctaaa acttgatctg gataatacca gcgaaaagga tcatgccttc 360
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 gttgaggact tgatcaccgg tccgaccgag aacggcaacc ccagattgc tgggtgtgtc 1020
 gtcaactgga cgctggtcac ccttcaccac gatgatcact cctgcatgga ccccaacact 1080
 atcaacgctc ctgtcatcat cagtaccact ggtcacgat ggccattcgg cgccttctgt 1140
 gcgaagcgct tgggtgtccat gggcagcgtc gacaagctag gtggcatgcg tgggtctcgac 1200
 atgaactcgg ccgaggatgc catcgtaag aacacccgcg aggttactaa gggcttgatc 1260
 atcggcggtg tggagctgtc tgaaattgat ggctttaacc gcatgggccc taccttcggt 1320
 gccatggttc tcagtgggtg caaggctgac gaggaggcat tgaagggtgt cagcagcgct 1380
 cagcgcgagt gtgctgagta aatgactcac taccggaat ggttcagtgc atgaaccggg 1440
 attgtcttac ggtctttgac caatggggaa tgaggataat gggatagtcc tgg 1493

<210> 5664
 <211> 659
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5664
 ctattctctg accgcttggt tttgcgtagt gttcctgggc tgcgagctca cctttgacgc 60
 ctgaccaccc atccgtaaaa ttctcacaac tgcccccttt atatcccgtt tctttacctc 120
 acacaacttg aaacctaaa cccaaaacca tggcctccaa ccgataccgg cgtatcgcaa 180
 aggaaatagc ccatatacac gccgatacgc agtctgggat cacagccgaa ccagtaggca 240
 gogatgaaga cctcacacat ctacgcggta catttcgggg gcctccagct actccgtatg 300
 atggcggcac ctacgtcgtg catttaatga taccacacga ctattctca cctgacgcga 360
 cgagtttagt gacgtccaca aggtactgat cagcatataa agacacgata ccgcgaaatt 420
 atgatgccta cgaagatgat tactcgacat gaagacgacg ctcacacaga cagcacattg 480
 cgacacgtag acgaaatgta cgacacgata actttaagat gactattccg atataattac 540
 gaattcattc tcacgctatt acgaagcgac gtcattggtat cgacgacaat actacaatga 600
 tgaatctccc acgaatctga ggatgaattg atgangaana taacqatcaa cgcgatcaa 659

<210> 5665
 <211> 671
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(671)
 <223> n = A,T,C or G

<400> 5665
ctcgttaagca gcggtgccgct gccgctgctg ctgccgtggc tgctcagagt gccgttgca 60
cagcgccctag tccctccagct ccttcttctc ctggaaagcg gtatgccgat ctggctagca 120
aggctcctgc tectgctgct cctaccactc cegtgaactac ggggtgctgg accacagtgtg 180
gtgccggcgg taaggccaaa gctcctcctg ctgccccctc cggaccgcgc tcgactaccg 240
caacgactcc cttggcgcc tctccagtga agcccaagcc cgctacaatt tccactccgc 300
gtgccgttac tgtgaacacc gtgaccccg cgaaccctaa ccgtgcggtc gaggagtcca 360
ccaaatgggc caagctggca ctgggcaagg ggttgaacag caacatcaat gttgacgatt 420
ttgttcagca gcttctgttc ctgccggccg aagcggagat catctcggac tcggtgtatg 480
ctaactcgca gacgctggac ggccgcgggt tcgccgagga gtccatccgt cgtcgtaccc 540
tgcccgacaa gggcatcgtg gaccccgctg cagctagcgc atttgcggag aagagtanca 600
gtggatggag tgaggtggcc aanaagggt catcgaatgc ccatcgtgaa gaagatagca 660
gcaatgccgc g 671

<210> 5666

<211> 676

<212> DNA

<213> *Aspergillus oryzae*

<400> 5666
gcaaaacccc cccatttcac atcgtcttgt tcaaaactag acgccacctt tcgcattctt 60
acagtcttcc ttatcggaag tcattttatc tattttctaa cctctccgtg tgagacgcgc 120
acaagtccct ccttggcgcc gtttctggat atccaacaac cgcaatcatg gcgcctaaac 180
agaaagccca gaagatgtcc atcagcacct tcttagctga tgagaacttt ggctcttggg 240
ccgacgagat ggatgacatg cctttgcctg ccgccccctc tcagcccagg ttcgacagcg 300
atcgccgtgc tgggtggccc ccgtctgctg gatttggcag tggcttcggt gaccgtggct 360
acgccgtgag ggagccccct cccctcccca cccagcccc gtatactgcc cagctcggaa 420
acttaacctt tgatgcgact tcggttgata tctctgacct ctttgttgac tgtgctgtga 480
cgaacgttcg tattgtggaa gacaagttga cgaaggcccc taagggttc ggtttcgtca 540
aattctaaac cgaaaacggg tttgataaag ggctcttgac ctttccggcg ccacccttga 600
gggaaggacc catccgggta actttcgaaa agcccttcta agggaacgtg ttgtcaagga 660
atttgatcgg gactcc 676

<210> 5667

<211> 730

<212> DNA

<213> *Aspergillus oryzae*

<400> 5667
cttggagtca cacagatcgt acataccacg agctttactt ggtcctctat acccggtgtg 60
gacaagtcca gtttcatcat caagtcttga tatggtcacc atgttcggcc gactcaccga 120
ctacgctttt gacgetgtcc tcttctccgc ctttttgcca ggtgtgaagc gttcgactgg 180
tcttaccccc agtctcgact ccgacaaaat caccgacaac aaagacttca agaaatggat 240
cgatagctac ctccggcgtt gcgagtgggt gatggatcag tccgttgccg tccgtgggtc 300
caccagctat ttccgagcga ggccgtgaat tatacaccgc ggttatccg gataaatcgg 360
agcgacgctt tgggtgggga ttgaattgat accgaggcgc gctctgggtt ttccctaagt 420
cagcctggga atcgagttcg ccagaagaat aaataggagg acatacatta ttaccgctt 480
gggacatcat gtcgagagag tgcgtgtctt gtaaaaaaat atcaagagag ccgtcgtgac 540
tgggtattttt ggcgtctgca tagcggcttg gathcagath gatgattacc ttctccttta 600
tcaggtccgg tattggggac cgtggcggtta ggaactctac cttgaactga tatcttgggt 660
tcaggttggt atttatattcg ctttacatga gaaaaaaaaa aaaaaaaaaa attcctgggg 720
cccggaattc 730

<210> 5668

<211> 681

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature
 <222> (1)...(681)
 <223> n = A,T,C or G

```
<400> 5668
ctttatttct cccaggaagt tccgggtact agtcagcacc acctatcata acagcagcca      60
tacgatcatg ccaacgaatg gggcttcacc gtgacgttcc cagaccccat ctttcccagg      120
ccgagcaaga acagaggaag aggggtattct ggggtgccta tatccttgat cagagcgcat      180
gcatacggac ggggagttcg cccaccacgc atccagacga tcttgatata ggttttcccg      240
aggtggataa tgatgatgag tttacaatga acggcaatgc ttcttttttc cgcagctttt      300
gccatttgac gctcataaga agccgggtat atagtaaact ttatgctggt aaagctctgc      360
agaaaatgtc tcccagagag atctacgata ttgtccggga gctccgagag gaacttgaag      420
aatggcataa tgcaagcccc ttcacccaac aactgaagcc gaaaggaccc agncaggatt      480
tccctgggtgg atttgctact gctgggttgc agctttgcta ttataattct atgatcaaga      540
accacggcgt ggccttgact ttttattttg cctataggca aaatttacia ttggcggcgg      600
ggggacgtta atacacaaac ttttcaccaa tgggctaagg caatcttatt ttttgtaag      660
gtgcccggaa aaactgaaat t                                     681
```

<210> 5669
 <211> 522
 <212> DNA
 <213> *Aspergillus oryzae*

```
<400> 5669
gggacaagcg cgatcttgca accggcgagg ttatattctc aggtgacaaa cttttctgga      60
cacaaggcgt cttcgaattc cgctatcacc ataatgccaa acataacgtc atggcaatct      120
ccagaccatt tgagattcgc attggctgat atgaagagga ggatgaccat gaacttacac      180
aagcgtccgt ggagaagagc ctcttaacccg tcacccgcag ctgcttcgat cgggatccgg      240
agatcgctcc agaggccgta gacgagccgt tcggaaagtct ggtggagcgc gacggtaaat      300
tcgctaagcg ggttgctatc gccgtacacc aaatgtttgg tgttgaaatt gcacctggag      360
ttgttcaggc cgatgggact gtccgcaacc tcgcctggag ggtgtgcaat gcgaagaggg      420
tccctggctc ttacagcatg tcaagaaacg gcgcgtccac cccgaccgag aggaaagaag      480
aagggtgtaa aatcacttgg tgcctttttt aatcacgaaa ta                                     522
```

<210> 5670
 <211> 683
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(683)
 <223> n = A,T,C or G

```
<400> 5670
ttttatccac ccccttgcgat acagatgcgt catgaatggc ttgcgcatgc acgacctega      60
tgaggggtcg tacggngaga agtcocgggt gcaggcgggc ctgaagacat tcgacgcatt      120
ccccagaacc aaaccggact acacggctcc ctcccgctga ggccggccaat ggacctgctt      180
gatcctctct atctgcagcg tcttctccat ctccgaattc aaaacgtgga tcaaaggctg      240
cgagaacccac caatttcagcg acgaaaaagg cgtctcccaac gacctccaac tqaaccttga      300
catacgaact caaatgcctt ggcagcgcct acacgtcaac atccaagacy cctacggcga      360
cgcattctct gcggggagag tgcctgaagaa ggaccccacc aactggaagc tttggacgga      420
caagcgcaac taagaccacg agtatcagac gcttagtcgc gaggaaccga gncgggttaga      480
ggcgcaggag gaggaagccc atgtgcgcca tgtgctgggt gaggtgagac acaaccccaa      540
gaagatgata ctcagggtcc caagctgcgg agaggagatg ctgtcgatct gtgtgcgatt      600
tattgaagtc tggaaaggaaa tccgggtgat ggagatttcc atatccaggg gagaggtctt      660
ggntataggg atatgggggg acn                                     683
```

<210> 5671
 <211> 552

<212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(552)
 <223> n = A,T,C or G

```
<400> 5671
cgaggggaacg atgtcgacgg cgttacccaa atgcgtgtgt cgtggactgg agttcccgtt      60
ggccaggagg atgtcaccaa gcagaactgg gaaatgtact atgttcgcag tatcaagcag      120
acttttcgggt ttggcaactat tctctgatct agtgcgcccg tatttagaag cttgacgatt      180
tgaactccgc ttgggggtata cagatgacct gatgctgtct gcgatcaacg cgccttcgg      240
ggctggcgta attatctttt gggtcgactt gatagcgttc ttggaaagca gacactctgt      300
acatcacatc cgtgcctttt gtgatacaac ttccctcttt gcattcgagg ggtatggtcc      360
gacgattcca cgatagaatt tcatgattag atcaatqtaa aacgaatcaa taacgaaaac      420
ctacgggttg atacactata tctgtctgta tggcattgga taactacact tactcacgat      480
aaatcaaatt ttccttaacc ctttttgaaa aaaaanaaaa annnanaaaa aannnaattt      540
ccgggggcgc tc                                     552
```

<210> 5672
 <211> 682
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(682)
 <223> n = A,T,C or G

```
<400> 5672
ccccactcaa gcccgctcaa aatgccagcc gacgaatact ccgtcggcgg gggcggcaag      60
ctcaaactaa aaggctccaa agtgagcgac ggccgcgatag aaaagaaaaa gaagaaagcc      120
aagaaaaacc cggaaaccgg cagcaagaaa gaaagcgaag atgctccgct tgcatacaaca      180
tcccaggcag tggatgagaa ggagaacctt ctttcgcctc cgccagctca gcaggatgaa      240
tccgatttcg ggggtgagcg tggggctact gggaagacgg aggcggaaaag gaagtatgag      300
gagatgagga agaagaggtt acaagaacgt ctcaagcgag aaggggtcaa aacgcataaa      360
gagcgagtag aagagttgaa caaatacctc agtcgactga gcgaacatca cgacatgccg      420
aagattggac ccggttaaga cagggtttatt attcttatta ggattattgg tttttttttc      480
ttcttttggt catgcatgta tcttgggtat tattgtttgt tctttatata ttatagggtt      540
gtagaatttc ctcatgcaat ggttgtcatg tgcccttttt atttttattt ggatttttat      600
ttttgggttt tcttttttgc tggcgctccc tttttcttaa tgtctatcac gttagaactc      660
gaagggtgaaa atcatatqac cn                                     682
```

<210> 5673
 <211> 675
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(675)
 <223> n = A,T,C or G

```
<400> 5673
taatatcaat ctcaacccccc tctcccttta ttactgtgta tgttcgtact tggactttcna      60
gagattgctc cggcttgaca gcaacttatt ccgtttcttt actgtagcga tacctttcat      120
gtccaccatg gaccgcagct tggatgagat cattgoggag cgtcctcaga aacaaaaccg      180
gggtggccgc cgtcctctctc agggctcgctc ccgtgatggc gtaagaaagt cttacagaga      240
agaacgccct gatttagatc tatattacag ggattgggta caccacaaat atgaagacga      300
```

cagagattca	cgcccatctc	gtgccccctc	acgacctcgc	ggtgaccgct	attccccgcc	360
gccggaccac	gctcctactg	gagctaagct	tcgatttgag	aaccttcatt	atgatattac	420
agaaagtgat	cttgaggatc	tattcaactc	aatnggtccg	atcagcaacc	tgtctctcgt	480
ctatgaccga	gcaggacgct	ctgaggccgt	ggctttggta	cctatgaacg	tcccagcgat	540
gcgagaactg	ccantagcga	gtttgacggc	gcgaatgcta	aaggacaacc	tattcgtgtg	600
actcttggtn	ccacgggtgg	tggacgcaga	gaccggaatc	cnntttgaca	cgttgagaga	660
cctaagggtg	gcttg					675

<210> 5674

<211> 1348

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1348)

<223> n = A,T,C or G

<400> 5674

tattgatgag	atccgtaccg	gtgactaccg	ccagctcttc	caccctgagc	tgttgattag	60
cggaaaggaa	gacgcggcca	acaactatgc	tctgtggcac	tataccatcg	gaaaggagct	120
tgtggacaac	gtcgttgacc	gcgtcccgcc	ggcggccgat	aactgttcct	ctctacaggg	180
cttcctgtgc	ttccactcct	tccggtgggtg	tactggctct	ggtttcgggtg	ctctgttggt	240
ggagcgcctc	tccactgaat	acggcaagaa	agccaagcta	gagttcgccg	tttacctgc	300
cccccggtga	tcaactgcgg	ttgttgagcc	ctacaatgct	gtactggcca	cccacagcac	360
tattgagaac	gctgactgca	ccttcctttg	tgacaacgaa	gcagtctatg	acatttgccg	420
tccgaacctg	gatatcccc	gcccgaagcta	tgagcatctg	aacctgctga	ttgctcaggt	480
tgtaagctct	atcacctcca	gtctgcgttt	cgatgggtgcc	ctcaacgtcg	acttgactga	540
attccagacc	aacttggtgc	ccttcctctg	tatccactac	ccgttgatct	cctttgcccc	600
cgttgatctc	agcaaccgca	gttctcatga	aagcttcaag	gtgcaggatc	ttaccttcca	660
gtgcttcgag	cctaataacc	agatgggtgt	ctgcgatcct	cgtaacggaa	agtacatggc	720
tgtggctctg	ctgtaccgcg	gtgacgttgt	gccccgtgac	tgcacccagg	ccgtagctgc	780
catcaaggcc	aaggcttctc	tcaacctggt	cgaatgggtg	cctactggat	tcaagctggg	840
tattaactac	cagaagcccg	tgcgcgttcc	caacagcgaa	cttgccccgg	tccatcgctc	900
tgtaagcatg	ctctccaaca	ccaccgccat	ctccgaggcc	tggagccgtc	ttgatcacia	960
gttcgatctc	atgtactcca	agcgtgcctt	cgtccactgg	tatgtcggcg	aggggatgga	1020
agaaggagaa	ttctccgagg	cccgtgaaga	cctcgtgcc	ctggagaagg	attacgagga	1080
gggttgccaa	cgatgggcga	gccattggaa	gaggaagagc	ctgaatactg	atcggcttgc	1140
aactcaacgc	ccgctctgct	tgtcgggttaa	tcttggctt	gtctactttg	tgccaaaatt	1200
gtatctcgtc	cctgtgcttg	cgacaacccc	ttttgttttt	ttgttcctta	gcggctcgntt	1260
tattttctcaa	ccttgtcccg	tagccaagcc	gggagaatat	gggccggaaa	tacgaataca	1320
catcctaatt	tctgcgaag	gaaaaaaaa				1348

<210> 5675

<211> 621

<212> DNA

<213> *Aspergillus oryzae*

<400> 5675

ggaaaaacttc	tctgtgaccc	tcaacgttgt	cttctttctan	aagtcnaact	qqcaqaatga	60
aggattgcgt	cttcagcgtc	gtaacaaagt	catctgtatg	ctcatgyltg	ccctgcaaga	120
gatcggcatc	gagggccccc	gcattgaacct	ccaggggtgcc	cgtgtggata	ttcctttcca	180
tgtaacgggt	ttcccaacct	agacgtcatc	ggccgaccac	yacagtcgcc	ccacgctgac	240
ccccatccac	gacatgccc	agaacaccgg	acacagcagc	tccagcgccg	cccgccaccc	300
gtcaantcctg	gcgcaaaaagca	tgaacaccgc	tgcggcccg	gctcggggag	agtcgatcca	360
gtcacacaaa	catgtcgact	tctcatlggg	catgcgggat	ctctccttug	gggatgtgat	420
gggcgatgtg	tttgaaacca	cctccccctc	tgttgatgac	gttgcccgct	cttccaatcg	480
cgaagccgcc	cagcgcgcga	tctagaaaga	ggaagaggag	gaagaagccg	aacgccagag	540
ccgctcgctg	tctccccggg	cacgtcgccc	gtccaacctc	agcgtcccca	cccgccgggg	600
cgaagggcgt	cggctcgacgg	a				621

<210> 5676
 <211> 570
 <212> DNA
 <213> *Aspergillus oryzae*

```
<400> 5676
aaattggggc ccaaccccaa aacccttgga ttttggggcc ggaaaaataa acccccaagt      60
ggccccatt  ttctggggga acttttccgg gaaatcccca aggggggttt ttttaaaaag      120
gacccttttt aaaagggggc caaaattccc cagaaaaaaa ttttcccacc cccaggggga      180
aaaaacccca ttttccccc tttcccgatt tgcaaaatgc cccgggaaaa aaaaaccttt      240
tttttcccca aaattgggaa caaagccagg gggggccctt acaacccctg cccaattttg      300
taaaccctct tttttgacct cccgcaaacg aaaaaccttc cccgggggtt tttcccaatt      360
ccccccggaa cctttaaacc cccccaacct tgggggaaatt ttgcgggttc cccaattttt      420
tggaaaaggg ccccttaaac cccgggggat tttaaaaacc ggcccgggaa ggcccccttt      480
ttttccaaaa ggggcaatat tggggaattt tccccggtta accctcttaa aaaaaccccc      540
ggggaaaaaa aattgggggg gggagcccat
```

<210> 5677
 <211> 668
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(668)
 <223> n = A,T,C or G

```
<400> 5677
cccaactcaa tgagaagttt attaaagcga gacgggagta tgaatctctg gtggaggcat      60
ccatgtcgca ccccgcccag cctccgtatg gcaggcctgg tccatctcag tatgggtatc      120
ctgggcccgc ggcattccatg ggctatcctc agggccctcc gcaatctgag cctcaaagat      180
atttcagccc tcggcctcaa gaaacccagt cgcaccagcc caatacatcc ctttactacg      240
gtgcagacca agcgcctatg taccctccca cgtctcaatc ccccgatccg cgcaaccgca      300
cacccccagc tggagcatcc tatcagcctg tgcacatcgc accagaatcc acatatgaac      360
accgcgaaga actaggaaca tctngttatg actccctgtg cgagcatcct tccgcaagcc      420
aacgacttcc atatcctgcc agtggacaan gcccgcncgc tgcacagccc ccttccagc      480
agcagcagca acagcagcag caggaatacc caccctatgc cccctgagat gcagcttagc      540
cacaancccc cctaccctat aggccagctt ttcaatcagc acccaccat gcataaccg      600
ccccttgccc gggcacaacg taaacacggc actttacctt cttaacccc cgggcagaag      660
ctatcaac
```

<210> 5678
 <211> 576
 <212> DNA
 <213> *Aspergillus oryzae*

```
<400> 5678
cattggggcc aaaaaccccc ccttttttga aacttgacct ccaaaactgg ttttttaaaa      60
aattttccca aaattttttt aaacccgggg attttttaaga aattttccca qqqccctttt      120
taaaaggggc ccttttaaaaa cgggggggaa tccccgggtc ccaagggggy gaaaaacccc      180
tcatgtgggg ccggttaaaag ggggggggtt aaaacccact ttttggaaac ctttggcccc      240
aaaccccttg gggtattcaa atccaacctt tttcttttgg ggggaatttg ggggcggggg      300
cccaatatte cgggggagggt tgggggaaat ccaaattttg gggaccgggg taaaaatttg      360
aattcaggcc ccaagggtttt ggggcctttt tttcgggatt tttttcgggg aaaattcccc      420
gaaagggccc tttttgaaag aactgttgcg cccctggggg ggtcgggcct tgggggcccc      480
cgggaaactt ttgggtacct gggggggttt gcccaaaatc ggggttttaa cccccctttg      540
aaggggaggt tttgggcccc ggggccccaa aaaccg
```

<210> 5679

<211> 695
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5679
 tcaccctagt ttattttatct cgagatcctc ctctacgtg aacgactctc tagtcattga 60
 catcttgaac tttctatccc gccgaaccac cgagtgaagt catcatatac tacctcatct 120
 cagcgacag ctcataagac tcccactgct ttccaaactc cactctctcc tcttcgttac 180
 ctccaaacga aaagtgaagc atcaattgac tttctccaac ttcaattcaa tctccaaac 240
 acgtcaagat gactcgtgcc aacgaacaaa ctgcaaaggt cttctacaag ggatcttctg 300
 aggacttcgt agtcttcgtc gacgatattg agatcctcaa caactggcgc aaggatcgct 360
 caatcccact ggccgatgtg gtaaacggct ttaagatttt tgttactcac aaacacgggtg 420
 ctcaaggcat catggacggc gctagcaagg gtattctgga gaccgagttc ggtacctcga 480
 acgaggatga gtgcattaag aagatcctag agaacggcga ataccagtct tctgtgacga 540
 aggaacgcca ggggtggtacc aatgacgcta aagactcccc tgtcgttggc cggtaatttt 600
 cttaattcag cagagctatg catgttttta tgagccatgg attgatttgt ttattcgggt 660
 ggttttctcc tgaattttta tatatttgac gatag 695

<210> 5680
 <211> 676
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)... (676)
 <223> n = A,T,C or G

<400> 5680
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 ggcatacaat ctcttatagg cggacgaaac aacgcctacg tgtcaaacca gatgcgtcgt 300
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 tggagaagag atatcatttg aatccttcag acatagagga gatccgcaga ctgcgattaa 540
 gcgaccgat gacttggagc cgttggaaac tggctaagcg ctttgactgc tctccaatgt 600
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<210> 5681
 <211> 678
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)... (678)
 <223> n = A,T,C or G

<400> 5681
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<210> 5682
 <211> 661
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5682						
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ccgtcgtgat	gtcgaagcca	tcaacgtctg	tatccaagtc	ctgaggggga	tatccttcgg	420
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cgcgagcagt	ggccgcgcag	accttggcaa	cgacaccagc	ggctacctgg	gcgatgttca	600
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<210> 5683
 <211> 869
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
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 <222> (1)...(869)
 <223> n = A,T,C or G

<400> 5683						
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<210> 5684
 <211> 663
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(663)

<223> n = A,T,C or G

<400> 5684

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ctgttggtgt	acagtgtttt	ccagtccaga	agacttggaa	cccaactcta	gaagggaacgt	180
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<210> 5685

<211> 653

<212> DNA

<213> *Aspergillus oryzae*

<400> 5685

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gctctgctcc	cttcaactac	gtggaggagc	caccggaggg	acagcctcag	cgcaactata	180
gcgaagctgt	ccacaaagtt	catattacgg	atatccgagg	gcaagaagat	cagttcacgt	240
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<210> 5686

<211> 714

<212> DNA

<213> *Aspergillus oryzae*

<400> 5686

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actctactta	gctcctaaga	caatcatgtc	cacccgtaag	agaaagcaag	aagccgaaga	180
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<210> 5687

<211> 675

<212> DNA

<213> *Aspergillus oryzae*

<400> 5687

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<210> 5688

<211> 1767

<212> DNA

<213> *Aspergillus oryzae*

<400> 5688

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tccagtcggt	tgataaatca	atcagtttca	ttttcaatat	gaagggttcc	gccattgcga	180
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<210> 5688

<211> 1362

<212> DNA

<213> *Aspergillus oryzae*

<400> 5689

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<210> 5690

<211> 1352

<212> DNA

<213> *Aspergillus oryzae*

<400> 5690

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<210> 5691

<211> 1107

<212> DNA

<213> *Aspergillus oryzae*

<220>

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<223> n = A,T,C or G

<400> 5691

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<210> 5692

<211> 646

<212> DNA

<213> *Aspergillus oryzae*

<400> 5692

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tacctacatc	gcaaccacgg	acattaactc	gcgaagaacg	agcagatgcg	gagttgaagc	180
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cgtcctccgc	agagtcacaa	tcattacccc	cgtcatccat	agcgccggaa	tctctctacc	300
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ggcagtttgt	caatgtttac	cgatatggcg	agctgcgacg	gtgcagtga	cactgggata	420
atctctggct	ttgcatgaag	accaggacat	ggtcggatgg	tgctcgtaag	aaggcagtc	480
gagaccacta	tgcgaagaaa	gccatcaagt	ataagacggg	gcccagtagt	gaggatgtct	540
gggatctccg	gacagagccg	gatccgaatg	cttttgaagg	ggatattgct	gctctagagc	600
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<210> 5693

<211> 679

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(679)

<223> n = A,T,C or G

<400> 5693

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aaatggccga	caaagatcta	gaatccatcg	ggcgacactg	tcaattcgag	tactgcaaac	180
aaattgattt	ccttccattc	cgtcgcgagt	cctgtcgcgg	gaggttctgt	ctggaccacc	240
gcacgcgaaa	ctctcataaa	tgccccaaag	cgggtgaatg	ggctcgcaga	cgaaacgcgc	300
ggnngcaag	cccgacacac	agtctcccta	cgcagaaaac	cacgatctac	aactcggacc	360
aatgggcaca	ctctgactgc	aaaactctca	tcaaacagat	gaaggacccg	ggggtccgat	420
gccccaaatg	caaccgcgca	tactgcctga	agcaccgact	ccgggaggaa	caagactggc	480
ccaagatcac	cccgctgggc	ggtcggcccg	ccgcgcgagg	cgccaacgcc	aacgagacgc	540
tgggttccat	gttcgccccg	gtgcgcacat	ggggcaaaag	gaagagtcac	gcgggcaccc	600
agagttctac	gcccactccg	aaaccggata	atccggcggc	gcgggctgtn	cagctgaata	660

cacctcagaa gtctgccac

679

<210> 5694
<211> 618
<212> DNA
<213> *Aspergillus oryzae*

<220>
<221> misc_feature
<222> (1)...(618)
<223> n = A,T,C or G

<400> 5694
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tgaagatgcy ttctttctcc ccaaggacct ggtatatgca tcgctcacat ctctttcttt 180
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tactgactcc ctgtgctttt cggtagctgc caccctccgg gcaccctgtc ttggaacctt 300
gagttacgta tagccattat taatcttggg ggggtggccc ctttggcatt gatccccgct 360
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agtcatttac tttgatgata ctcaatgtca gccggtatat tcatgccggt cgttacacct 480
aagcttggcc cntacttatt accaacactt tcatcgtggg tgcattcttg gttcggccat 540
gaaattttga ctttcttttc ttccattttg gattgaagcc ttgcaatccg tgatgacacc 600
aagattgcac accttcct 618

<210> 5695
<211> 854
<212> DNA
<213> *Aspergillus oryzae*

<220>
<221> misc_feature
<222> (1)...(854)
<223> n = A,T,C or G

<400> 5695
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ggctcataac aaccatttct tcttcaactg cttgtcgccc acccctactc agatcccga 180
caagttcgcc aaggacatcg ttgatactcg ctctcgatc gaatccctga agctcgactt 240
ccttgcaact gccaatgcta tgtttggccc cggatttgtg tggctggcca agaacctgga 300
gagggaaagga ttgatgcaca tcttctgcac ctacaatgca ggctccctt acccgccgc 360
tcactcccg cggcagccc ttgatatggc tacgcactcc cccgacgctc ccttgggcaa 420
ccagtttgct ggtgcgatgg gcgctcactc cgcgaatcag aagagcctag ctcccggcgc 480
tgtcgatgtc cagcccatc tctgtgtcaa cacatgggag catgtatgga tgatggacta 540
cggcatttgt ggaaaggctg aatacctcga gcgctgggtg gatcgcatc actgggaggt 600
tgtgttcgat aactacaacg cggtcagctc gatgaagggc acacggcatg cggccaatcg 660
gaaccgcagc ctaagcatgc tatgaaggaa aaaatgttct acagagcgga tacatatgtg 720
gttcccctcc tttcatgtct tgataattgt attatatact acatggtttg gctgttcagg 780
gtttctttat atctgggtct aattgtacag cgtatcctcg canaatagaa aaaaagaatga 840
gactcaaaat agag 854

<210> 5696
<211> 1351
<212> DNA
<213> *Aspergillus oryzae*

<220>
<221> misc_feature
<222> (1)...(1351)

<223> n = A,T,C or G

<400> 5696

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cctcgcgcat	cgaccgcttt	gtcgaaaagc	ctggttgaatt	cgttggaaac	cgcatcaacg	480
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ccaatgtagt	cattgggtccc	aacgtttgtg	tgggtgatgg	agttcgtctg	cagcgttgtg	840
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ttactatcgc	agacgaagtc	tatgttaatg	gtggatccat	ccttcctcat	aagagcatca	1020
agcagaacgt	tgatgttccc	gccattatta	tgtaaaaccc	ctcttctcat	gtcgacatgt	1080
cttcaaatac	tttgcttcca	gtcgctgca	cctcgaaacc	gtccgatgca	aaggaccgaa	1140
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tcaagtcttg	accaattttt	ggaatacacg	acggtcctga	cacctttcta	tttaccttcc	1260
ctcttcttgc	ataaatcttt	tattccattt	cttatcttgc	tncaccgtac	gcaacttgc	1320
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<210> 5697

<211> 652

<212> DNA

<213> *Aspergillus oryzae*

<400> 5697

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agcatccaca	acacaacca	cacccccaca	accgaacaac	tagagcaact	cttctctctc	180
gccaatatcg	aacaatacaa	cctcgccctac	aacacctccg	acaccgtccg	tgcaattgca	240
ggctcccaac	tgcgcggcga	aatgctccag	ggtctcaacg	aaaccatcac	ctccaagggt	300
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gcgcagctcc	cgcgcgctga	tgtaaatctc	accggtatcc	cggactatgc	gtcgtccatg	420
tcttggggagc	tggttaccga	ttccactgca	gatggattcc	ccgatgcac	ggagattaat	480
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ccctgttagc	gncagtcgag	tgccacgac	ccgtggtcga	agttcgtcga	ggagacgaag	600
aagattgcgc	tcaccgatac	ggaggagtgg	tgtaagggtt	gtggaaacac	gg	652

<210> 5698

<211> 648

<212> DNA

<213> *Aspergillus oryzae*

<400> 5698

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aacatgacag	tccgaacggc	ctggagtttc	atcttctctc	ggctctactt	ttacctgcac	180
ggcagtagcc	tagccctgtc	tgaattctgt	ctacgacctc	aaacatggat	tgtctgggct	240
ttatcatcaa	taactctggc	cagacaagga	cagcagata	ctgtctantg	taqctctgtg	300
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cttgcaacac	gatacgcata	tattcacccg	ataatcaagt	ctaggagtgc	gagaataaag	420
accgaatgat	gtgcagaact	aatcgtcgaa	cacaattttt	gtggctgtca	tgctcagtgc	480
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gcttattact	gaaaggtcct	cgctcatata	atctcactat	caaatggt		648

<210> 5699

<211> 1095

<212> DNA

<213> *Aspergillus oryzae*

<400> 5699

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gcttccccaa	ggatgacccc	aagaagcccc	tccacctgac	ggcctccatg	ggttacaagg	180
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aggttgtcga	ggctgtcacc	gtcatcgaga	ccccccccct	tgctcgctatc	ggtgtcgtcg	300
gttacattga	gactccccgt	ggtctccgct	ctctcaccac	cgtctgggct	gagcacttga	360
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gcatcaagaa	gtactgcact	gtcgtccgtg	tgctcgccca	cacccagatc	cgcaagaccc	540
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acaagggtga	cttcgccccg	aaactcttcg	agaagaccat	tgagatcgac	tccatcttcg	660
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<210> 5700

<211> 1191

<212> DNA

<213> *Aspergillus oryzae*

<400> 5700

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ggcgatctga	ccataactca	ttaattagat	agttctttaa	tactcttcta	tcgctctctt	1140
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<210> 5701

<211> 674

<212> DNA

<213> *Aspergillus oryzae*

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<220>
<221> misc_feature
<222> (1)...(674)
<223> n = A,T,C or G

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acgaacacgt acggaattga ataggctggg ggataattgg aagggtaact ttgaccgggc 180
agtcgcgctt ctggaaaact acaagcgact atttctcctg agtcgcttgt accagagcca 240
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caaagatgca cagcttggtg aggaatatgg tgcttggttg gcacagcgaa accctagtct 420
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cggcctgttc aaggaacgag caaccaacgc agttcaagat tacttggaac acctggtttt 540
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<210> 5702
<211> 682
<212> DNA
<213> Aspergillus oryzae

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<220>
<221> misc_feature
<222> (1)...(682)
<223> n = A,T,C or G

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gacaggccat taccctctat cccggtggaa gattctcctt catcaggcac caccacaaga 180
cctccgacaa caccaaccga cacccgacca cccaccactc cttccgagaa tcgtaacctt 240
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<210> 5703
<211> 670
<212> DNA
<213> Aspergillus oryzae

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<220>
<221> misc_feature
<222> (1)...(670)
<223> n = A,T,C or G

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gcgtgatata atgaacaata tcaactactt ttccgacctg tatgatgata atgggaatgg 180
cactgttgat cgggagggaa ttttaagaat gtcagaagct ctcttttttc tctcccgcg 240
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gaagaagcaa	aacagtgata	cccagcacia	ccggngtgca	tcagaggctg	caaatccagc	600
cctcgaccgg	aacaaccctc	tacacattac	ccttcccaca	ttccgcatgg	tcattattggc	660
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<210> 5704

<211> 660

<212> DNA

<213> *Aspergillus oryzae*

<400> 5704

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tgtcgcgaa	gcggtttgag	aacgagagat	gncggcgag	gacggtcagt	gacgtgaagc	180
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<210> 5705

<211> 649

<212> DNA

<213> *Aspergillus oryzae*

<320>

<221> misc_feature

<222> (1)...(649)

<223> n = A,T,C or G

<400> 5705

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ccgtggttga	ggaagacgat	gaattcgagg	atttccccgt	tgaagactgg	ccacaagaag	180
aaaccgaaca	agctttctga	tcagcaaacg	gcgctaattg	tcacctttgg	gaagagagct	240
gggatgacga	tgatgcgcgt	gaggacttct	cgaagcagtt	gaaggaggaa	ctgaaaaagg	300
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<210> 5706

<211> 1074

<212> DNA

<213> *Aspergillus oryzae*

<400> 5706

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gctacgatat	gggagacggg	tctgattatc	ccagcccacg	aagcgaaggt	cccgccgggc	180
ctgcaactgt	ccttgctcact	gctgctcaag	aaccctctcc	tccagcacca	aaaatgacag	240
accaactgtc	tccgagtttc	atggaaggaa	ctcgtccgcg	actgtcgggtg	agacggggcgc	300

gagateccacc	caagaacgct	gcaggccaga	tttattgaga	ccatcctgag	tgteagcacg	360
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cttacaagt	cttagaacct	ggatgtgaca	agatccaggg	attcacgtac	tcgggtggcc	480
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ttcacgaagc	tgacatgtct	ctcccttttc	ccctttcaaa	ttgggggttg	cttttacacc	1020
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<210> 5707

<211> 648

<212> DNA

<213> *Aspergillus oryzae*

<400> 5707

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agaatacgca	caaattgcgtt	tcgatctgga	cgcgatcttc	tcttccctct	tcaactggaa	360
cacaaaacaa	ctcttcgtct	acgtctacgc	ctcctaactcc	tctcttgaca	aggaatccac	420
tctctcccc	cagtcgcagt	ccatcatctg	ggataccatc	atctcggccc	cggaaatcgcc	480
gtactccttc	aacaactctcc	gtgagcgctt	cttcccgtcc	aagtcttctt	cgaacgggac	540
caccggcgcc	aagaagtoga	ctaagaaaga	taaagccgcg	cctggtgttc	ttcgtctgaa	600
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<210> 5708

<211> 667

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(667)

<223> n = A,T,C or G

<400> 5708

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agggtgaacg	ttctgcgcgc	tatcatttcc	gaaacgaaca	actccttgaa	gacctcatcc	300
cagatccaaa	ctgattttgca	actttttgtca	ttgatttcgga	agcgtatgac	aggagcaaaa	360
gatgcggcac	aacaatttcgc	tgaggccaaac	ggccccgacc	tgaagagagtc	cggggaaaag	420
aacgtcacga	ttctggaaga	gtatgcgaac	cagggttgaga	caataagcct	agatgatgtc	480
aagcaaatg	tggcacagga	gatctcaagg	ttaaaggaag	cggggccaaaa	ggtcgagatc	540
gggacgttac	tcaaatcact	gtttgtctcc	ggaggttgct	tagacgggaa	gccagcggag	600
agatcagagg	tcgctaagat	ttgcagggag	gctgttttct	gcctctaaaag	acatgaaccg	660
atcggtt						667

<210> 5709

<211> 1448

<212> DNA

<213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1448)
 <223> n = A,T,C or G

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aaaccgccaa aatgggttaac ttcacaatcg aagagattcg gtccctgatg gacaagccga 180
agaacatccg taacatgtcc gtcattgtcc acgtcgatca cggaaagtc actctgtccg 240
actccttggg tcagcgtgct ggtgtcatcg ccgctgccaa ggctgggtgag gcccggttca 300
tggatactcg tgcctgatgag caggagcgtg gtattactat caagtccact gctatcaccc 360
tgtactccaa gtttgatgac cccgaggatc tcaaggagat cgagcagggt cagcagggca 420
acgagtctct gatcaacttg attgactctc ccggtcacgc ttacattctc cgctgaggtc 480
actgcgcgcc ttctgtgtac cgaagggtgc ctgggtcggt gtccgactctg tctccggctc 540
ttgtgtccag accgagaccg tccctcgcca ggctattgct gaggctatca agcccggtct 600
gatcatcaac aagattgatc gttctatgat ggagcagcag ctccccaagg aggatcttta 660
ccagaacttc tgccgtatca tcgagaccgt caacgtcac accgctacct acgaagacaa 720
ggttctgggt aacgtcatgg ttcacgccga gaagggtacc gttgctttcg gttccgggtct 780
ccagggtcgg gctttcactg ttccgccagt cgcctatcagg tacgctaaga agttcggtgt 840
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gaagtggact accaagagca ctgatgctga tggcaagcct ctggagcgtg ctttcaacca 960
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caagggtcgt ttctatgctt tcggccgtgt ctactcgggt atcgtcagggt ccggtctcca 1380
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gaatcacg 1448
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<210> 5710
 <211> 1293
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1293)
 <223> n = A,T,C or G

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<400> 5710
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ctgaacacaa ttcaaaatgg gtaaaattct tatgggtctc tatgacgggt gcgagcacgc 120
caagcaacag cccggtctct tgggtaccac cgagaatgag ctcgattga ggaagtgggt 180
agaggaacag ggacacactc tcgtcactac ctctgataag gaggtgaga actccacctt 240
cgacaaggaa ctcgttgacg ccgaagtcct catcaccaca ccttccacc ccggtatct 300
taccgtgag cgcctggcca aqgcacaaaa ctccaagatc gcagtcactg ctgggtgtgg 360
atcggatcac gttgacctga accgcgccaa caagactaat ggcggtatca ctgtcgctga 420
agtaactggc tgtaattgtc cctctgttgc ggaacacgtt gtcattgaca tcttactct 480
ggttcgtaac tttgtcccg ctcaacgagc gatcaccgcg ggtgagtggt acgttgcgc 540
tgctcgtaag aatgaattcg atttggaagg caaggtcgtc ggaaccgttg ctgtcggcg 600
tattggtgag cgtgtccttc gtcgcctcaa gcatattgac tgcgaaggag ttctctacta 660
cgactaccag ccccttagtc ccgaggttga gaaggaaat gggtgcgctc gtgttgacac 720
cctcgaggag atgcttgctc agtgtgacgt tgttaccatc aactgcctcc tgcacgagaa 780
gaccctggc ttgttcaaca aggacctgat ctccaagatg aagaagggtc catggctcgt 840
taacactgcc cgtgggtgct tttgtgttaa ggaggatgtt gctgaagctg tcaagtctgg 900
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actccgctac	gtgcagggcc	catggggcgg	tggcaacgcc	atgggttcctc	acatgtctgg	1020
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cttctctggc	cgtcatgact	acnagaacga	ggatctcatt	gttcgcggcg	gtgattacgt	1140
tactaaggcc	tacggccaga	ggaacaaggc	ttaggtctct	ccaatcactt	tgtaatgagc	1200
gggttaaaat	gttttcttgg	cgcattgctt	tgggctgaaa	cagccttaag	gagcagggcg	1260
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<210> 5711
 <211> 703
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(703)
 <223> n = A,T,C or G

<400> 5711						
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tagtgatcat	ctctcgattt	cgggatacgg	tatcaagcgg	attacagata	ttgcctggtc	120
tcctgacgga	agtcaacttg	catcagtagc	tttaaattgga	accgtttggg	tgtggaattc	180
gactactgag	agtcagctct	cgagtttttg	agataatcac	tggaaatgat	cagattattc	240
ttctaaagtt	gcctgggtct	ctgacggaag	ccagcttgca	tcactttcac	atagtaaagt	300
ggttgtatta	gacccggcct	ctggccagtg	catctcaaag	tttctgttct	caaccgggtga	360
cctccttcgg	ttcgatagca	tcgaccctaa	ctatctccac	acgacgcttg	gcacattcga	420
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tgtagccatc	ggctgtgcat	ctgggtgctt	tgaaataact	gaattctcga	cgccaatcc	660
ttcttcagaa	ctttgaatac	atcattcggg	gcattgagtc	cct		703

<210> 5712
 <211> 678
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5712						
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ggaacaatgg	ctcgtcacgc	cttctagccc	gcttccacat	ccaacccacg	tgtaaagtgc	180
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tcgggggtta	cccaaattga	tttggaaacc	ccgttgccgg	cacagggggc	gaaatctaca	360
tcaaaactgg	gttgaaaccc	aaccgcgtgg	gaaaaagggc	tcggctccaa	atacacgggg	420
tgtgtgcact	ttgtggcccc	tcgtgttcta	tatgtggggg	gacaggatat	ggtttaaact	480
cttaaatcct	cgtgaattgt	gaataggtaa	aactttttaa	ccctcgggaa	ggtgtaaaat	540
ctctaaaaaa	ggggtttttg	cccaaaaatg	gcgggtgtcc	ccggttttgg	ttccagaggg	600
ttctaagaat	cttcaaaggg	cgtccgcctt	tgtttggggg	gggtggcaac	aagggggggg	660
aaaaaatatt	tttttttg					678

<210> 5713
 <211> 718
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(718)
 <223> n = A,T,C or G

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<400> 5713
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ggtggaatta cttcgaacct gatgctcttg gagagcaagt cgccacagac catcgataca 180
aatcccgacg cagctgaaca tcacatcgat aataacgaaa acagcagcaa agaccccacc 240
aaggcgaagc cgattgagac agcagatcgg gccggagcct ggatcttgac tgtcatgac 300
gccgccggtg cgatcggcgc cgtgggggtg ttaatcaaga cgcaataagg gctcgggtta 360
gctttttatt ttcattgata gatcgtcgcg ctcaaaactgg tcagggtggga catacctttg 420
cattcagaaa tagctttcgt acattatggt ttactactat gctttcgttt catcatgaca 480
cccgataaat acttaattca gaagatatat caataccctc cttgacccat atttccgagc 540
ctaagagagc gcgttaaacc tgagaatcag aaagagaaaag tcaaaacttta ctgggccaat 600
ttgcgataag tcaatngtat tgtaccctac ccatcaagtg cctgcgcaac ttgtgtccaa 660
tccccannan aaccanntaa acaaaaaaca tttctggcgc cgtcgcagca tgcattta 718

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<210> 5714

<211> 1621

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1621)

<223> n = A,T,C or G

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<400> 5714
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gtgtgtctcc agctcaattt ctcagagccg gagtgtgtca tctccagtc gtgatggaca 180
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gaaggagaaa aaacgtcaaa agcactttat caacctgac gcttcggaga acttcacttc 300
tcacgcggtt ttgcagccc ttggttctcc catgtccaac aagtactccg agggttaccc 360
cgggtgccgt tactacgggt gtaatcagca catcgatgcc atcgagctca catgccaggc 420
ccgtgccctg aaggccttca acctcgaccc tgccaagtgg ggctcaacg ttcagtgcct 480
gagtggcagc cctgccaaact tgcagggtcta ccaggctctt atgcgcccc atgaccgtct 540
gatgggtctg gatcttcccc acggaggcca tctgtccac gggtatcaga ccccgcgcag 600
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tgggtatcatt gattacgatg ccctggaggc caacgctgag ctctaccgcc ccaagtgtct 720
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tgacaaggte ggcgcttacc tcattgttga tatggccat atctccggat tgatcgccgc 840
cgggtgtcatt ccttctccct tcgagtacgc cgatgttgtc actaccacca cccacaagtc 900
tcttcgtggc ccccggtggg ccatgatctt ctccgcgaag ggtgtgcgca gcaactgacaa 960
gaccggaaag gagattcttt acgaccttga gggtcctatc aacttctccg ttttccctgg 1020
tcaccagggt qgtccccaca accacaccat cactgcctt gctgttgctc tcaagcaggt 1080
tgacactccc gagttcaagc agtaccagca gcaggctctg aacaacgcca aggctctgga 1140
gaacgagttc aagcagctgg gccacaagct cgtctctgac ggcactgaca gccacatggt 1200
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g 1621

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<210> 5715

<211> 1145

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature
 <222> (1)...(1145)
 <223> n = A,T,C or G

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tatcttcttc cctctcttgt aaattttatt gaggacaagg ctcttgccat cctgggtttc      180
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caggtaaagg atcacaagga ggaccttgat acggactacg gtgtgggagc catcttccgt      360
gctcttaaag gtgtctgtat ccagaaggat gccggagagt atacatacga aacttgcttc      420
ttggatcaga ctaaacagat ccgaagaag ggtggatcaa cagcccgcct gggcaacttc      480
gttcgcatcg gatctgtcac tattgatcag ctcaacgagt ccggtgagat cgtcnccgag      540
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cgagtgtcgt cttgagtggt ggtgaggaga acgagatcct gaagattgca gaagacgaaa      660
agtgtgtcta ttgatgctc gtcaacaccc ctgcctgtgt ccnaggagga gaggaagang      720
tccatgcagc ctggggccgc aaggacgaaa tgtgatgtga catgctagtt ctgcatatat      780
ataccgagtt tctcaagca ttcttgtctt tcttttctct ttttagccct ctgctcgagc      840
ccactccttg tgcctttgta ttcttgaat agatctctgc atgccctgaa cagattactg      900
ggcaaggcta aatagataga gagatagcgt gacgcaggta gctttaatgg aatgcttcta      960
gaggaanann nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn     1020
nnnnnnnnnn nnnnnnnnnn nnnttttccg gcggccgctt gaccttgaat tgtaagggcc     1080
catttcccc tttagggaat acaattacat gtgccggggc cgagtattac acgggctggg     1140
aaggg                                           1145
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<210> 5716
 <211> 680
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5716
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cgctccgaat tgcttttaca ttccctccag ttccagacct aatccagacc cattatggca      120
aacggcgccg acctccggac tctcgtctca gagcttcaca acgctctcaa ccggaaacag      180
tttgatgctg ccaacgacct ccttagccgc gcaaagcgca cctcctgct gcagaatgcc      240
ctcatcccaa catcttcaac atcaactgag ctgattgctc tgcgccggga agtgttggag      300
ctcggcgctc tgtctccat ccggcaaacg gacgcacct ctttcacacg atactaccag      360
cagttgcaac ctttctacga tctggagagg gatagcgcta atgcaggaaa ggtggacttc      420
aagaccagcc aacgcagcaa gatcacgggc ctataacctt tgctgttgct gagcatgggc      480
gacagcacca gtttccacac agtcttggag ggtctcgttg aggaggcgag tttgaagggg      540
aagagcattg aggacgaccc atgcattaaa tacccagtgg agctggagag aaacttgatg      600
gagggaagct atgataaagt gtggagagag acaaagtcgg agagagtgcc ttcagaggaa      660
ttcggcctgt tctctaattg                                           680
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<210> 5717
 <211> 1016
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5717
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aaaatgcgtg ctactttcat cctcgtctgc ttctgtgctg tggccgctgc ccagacttct      180
tcgctgttgg aqagtccttc cgatgtcgag accacccggc ttgctgagac tggcagtgcc      240
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agcggtgccg agtctccgg tgcgttgacc ggtctccagt ctgctggttc ctctacctc      420
gttaccaagt ccagcagcgc tgcgaagagc tctctgcca ccgcgactga gacctccac      480
aagaccaaqt cgaccgacga atccaccagc actaagggtt cttcctccaa gtccagcgcc      540
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gctgcctcca	gcacctctga	gggcgctgcc	gtccccatgg	ccactgccgg	tcctctcggg	600
ctcattgccg	gtgctgccat	cgctgctctc	ctgtaaagtg	acagctcgtg	atccattaaa	660
cgcttggtcg	attgacaata	tcgctttcgt	tctcaagcat	tagtgtgctc	cccaagcgga	720
cttggtgctt	atggacctcc	ccccccgac	tatcccagct	accggggata	gcgggacgaa	780
aagagatgag	gcatacggat	actgaagttc	attttcatac	tccatatgta	tcattgccgg	840
gaagggtctt	ttattccaat	ttcctttctt	ttctcgtctg	acattaagtc	gccgctgtta	900
cacaagacac	gcttaatat	cgcgcgcac	atatcaaact	tgtctttctt	cgaagttaa	960
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<210> 5718

<211> 695

<212> DNA

<213> *Aspergillus oryzae*

<400> 5718

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ggatcgctat	tggcggtgc	gaacccaaaac	aacacgcaac	aacagcagca	agctcaaaaag	180
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gcagcagctg	gaacagtagt	tccaggggtc	aaagtggact	taagcaacct	tctaccgaca	300
actaagtatg	agagctgtgc	cgacgagatc	aagaaggagc	tggaagtatt	cgacaattac	360
gttcttacgc	aaatcaagat	gtgcaacgaa	gtgggaaaca	tgatccctag	cattgctgcc	420
cagggagaaa	ccattccgaa	cgacgtggag	tttgtccaag	ggaagttgga	aacaatgcaa	480
cacgcactgg	agaacgatgc	cagcgatatt	gatcagttac	gaagtcttgt	ggctcgtgat	540
gcggtgaag	cacatgtggg	ctttcggggc	attgatcccc	ctcagctacc	tctgcagttc	600
cagcctgcag	cgggctctgg	atgggtttct	gttcaagacc	aaaaattggc	tgatcgacaa	660
tgggtgcggt	caacacgcaa	gaacactttg	gcct			695

<210> 5719

<211> 1186

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1186)

<223> n = A,T,C or G

<400> 5719

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cacgcgcgcg	acagaggaat	tcttgctcca	gtactatatg	gccgacaatg	acacattcct	180
gaactcgcac	gtgggcggcc	ctattgagga	tcagaacagc	cttcaagtcg	gagaccgcgg	240
cccgacattg	ctggaggatt	tcattcttcg	acagaagatc	cagcgcttcg	atcacgaacy	300
tgttcttgaa	cgtgcagtc	acgctcgcgg	tgttggtgcc	catgggtgtc	tcacctcgta	360
cggtgactac	tctaaccatc	ctgctgcctc	gttcttgga	gctgagggca	aggagactcc	420
ggttttcgtg	cgattctcga	ctgttgccgg	tagcctgggt	agttcggatt	tggctcgcga	480
tgttcatggc	tttgcgactc	gtttctacac	tgatgagggt	aacttcgata	ttgttgga	540
caacattccc	gtcttcttca	tccaggacgc	tattcttttc	cctgatctca	tccacgctgt	600
caagcctcgt	ggggaacatg	agatccctca	ggtggnact	gcnatgact	ctacttqqa	660
ctttctcagc	cagcagccca	gttccctgca	cacctgctc	tgggccaatg	ccggccatgg	720
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tctcttcgaa	gcgacgcagg	cgggcagata	ccctgaatgg	gagctcgtgg	ttcaaatcat	960
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actttgcaca	actgtacgcg	tcatgttcca	ccctgccac	atcgtcctgg	tggttaactt	1140
aaccaggatc	cttttttcac	agccggtttt	tttcgaacct	gaaacc		1186

<210> 5720
 <211> 738
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(738)
 <223> n = A,T,C or G

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aagaaggcat cgtcaaaacc cactcactac gaccgcccc cgcccagcct cccccaaaaa      120
tagtgacatc caccgctcaa ttcgctcccc ttccagcttt tctcgaccct tctctgttct      180
ttctctcacg tcacggccac tttagcgatt gctacctctc cgtctctgct ctcttgagcc      240
ttccttctta ctatctttac gcaattcccc tgtccccaag aagaccacac acaccttccg      300
ctctcatggc tccacctcct ccgtcgaaact tgcctttggc cgagaggctg aaggccttgg      360
cccagactct acaattttgt tggtttgtgt ggcacgtcac cctgctgctc tccgtcttcc      420
gctatctcct gtcctacatc accttcaact actactcgtc ctgggccag gtgtcctacc      480
gcttggtctt cctttcggcg gctgcgacat atggtatcgg ggtgtacaag ggacatattg      540
cccgtagctg tcttcagggt agcgttccga acattgcggg gaagctcgct ggtgatgaaa      600
atgtccagta tcttggaatg gcgattgtct ggcctctatt ccgccagggt ccatnggcc      660
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tccccacttt gcagcccn                                     738
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<210> 5721
 <211> 841
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5721
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actagccttc ggcgagagcg agtaacgacg gatcgctccac cttgactccg acgccaacgt      120
tttacagaac atggatgagc tatttttctt tcttcgcacc aagggttgca tgccacgggc      180
gtattggggg cttccggata ccaaacagct gtcgtctctg ctgattgtaa tcgaaccgtc      240
ctacaaggaa tacaatgctc tgatggaggc ggcgcttccg gctatgtacg gacaaaaagc      300
ggtcaataca tcacgcacac aaagatacga tatggagtta ttgaacgaac gttatgccga      360
ttcggccacc gtgcttccgc atcgccagta tggcttagtg agtggcgaat tccgcgcaga      420
ggatcataga aatttcctgg gcaataacta tgaagtttgg gatccggata aagtgttagc      480
agaagccaaa cttgttcatt ttccagactg gccctttgct aagccgtggg ttctgtggcc      540
gcagaatttg ctggctgaga tgttgcccaa gtgtaaacac aaccctggca caccacaaga      600
aagtgggtgc cgtgatcgag aggtgtggaa aagtatctat catgacttcc ggcgccggcg      660
aaaggacatc tgcaaaactc tgagttatcc ggccctgct tggcctccaa cggagcattc      720
tgagtcttcc ggctcaaaaag aacctgtata atgcataatt gatagagcgt gatcggcgll      780
aatgggtttc caccgagggt aagcattaca tgtaaatacag atagactgtc acattttatg      840
a
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<210> 5722
 <211> 671
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(671)
 <223> n = A,T,C or G

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ccagttatgg cggcagcgct cccctcgcac aggagtttct gccttcccat cctcaaaacc      120
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ccgttcgagc	atctcccat	cgttcagcga	ttctaccccc	cgccgctcga	tatcatatgc	180
catctgcgag	tcgaagacaa	accgactcac	ttccccacgg	agatccctcc	ccgcaattgt	240
gcgtcttcaa	cagcgttgcg	ccttttcgtc	cacctctacc	agacccgcc	ccaagggtat	300
acagaacccg	agaaccggcg	aagatggcaa	tccactgacg	attgaaatct	cgccccgcgc	360
tgcagaacgt	ctccgcgaag	tcaccgatcc	tacatcatct	ccatctgtcc	ttaaagagaa	420
cccataccac	catctccgta	tcacagttac	cagcggagga	tgccacgggt	tccaatatat	480
gatgtccctg	gaagccgcat	cgaagatcga	cccggaagaa	gacaccgtct	tcgaggcaga	540
atactcccc	gaggaaggat	cgtctgaggc	cgccggccag	gccaaaggtag	tcattggacga	600
gccctctttg	gnagctctgt	acggaagtac	agtggactat	acaatggagt	tgatcggcag	660
tcagttcaaa	n					671

<210> 5723

<211> 625

<212> DNA

<213> *Aspergillus oryzae*

<400> 5723

gcttttaaa	atttcctctt	tcaactgcga	ctccaaacga	aaaacttcat	atcaaaaatgg	60
gtcctcaact	gtttctgata	gtgggattgt	tcctccaaact	gctctctgcc	cacgagctac	120
atccacgcgc	aggccctgac	tgtcagttct	cagtggccgc	ctcctacctt	ggagaaaactt	180
gcgacacttt	caactaggagg	tggcatattg	atcgtgccac	atttctgtcg	ttgaatcccg	240
gtgccgactg	ctccggcctt	gctgatgata	gcacttactg	tgtgcagcca	agtcctgcgg	300
tctcggctac	ttctatggca	acgacatcgt	ccacaaccac	agctacctct	acagcggcaa	360
tgtctacaac	caccgatata	tctacagtga	catcatccac	aagtaccagc	agttctacgg	420
cgacatcgtc	aacaagcact	ggcggtctct	cagcaacatc	gtccacaact	gccgacagct	480
ctacagcgac	aacggagtct	gctactccca	cagctagctc	cgagtcttcc	gccacatctt	540
ctaccgtttc	tctgcaaata	acaatgatcc	ttacactact	actatctctg	tgcttcattt	600
aaccggggag	tctcaacaag	cgtgt				625

<210> 5724

<211> 663

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (663)

<223> n = A,T,C or G

<400> 5724

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tagctctttc	tgacacgatt	gacagcacat	taaaaccata	acttcggcgg	ttgtgtcttc	180
cgacctgtcc	ttgacacccc	agccagacgc	gcataattct	ctgcaactga	alataccaat	240
cccaccgccg	acaaaagaat	cacgggatca	gacagttagt	gttgcgaaag	cggctatgga	300
aaaggccaca	gcggcagtc	gcgactccag	aggtccgta	cacaaacgcc	ttcaggatat	360
gcagaagaag	aaaatagcta	gaccggatga	tgttcggaaa	gcacaggaac	agatggaaaa	420
ggtaacggag	aaagggcaaa	gggaggtgag	ggatcttttt	gaggcagcaa	agaaggcgat	480
ggagagggca	taacctgaag	cgttggcgag	aaatgtgttt	tgtgaatgat	tgtaattggt	540
gggcataca	gttcgtgcgc	aggtcactac	ttggcatata	actccaatag	ctgactaaca	600
gcatgattng	cctcgcatat	gtaccaatat	atggaaatga	acattaatac	actagtgola	660
atg						663

<210> 5725

<211> 639

<212> DNA

<213> *Aspergillus oryzae*

<400> 5725

ctgcacaatc	tctggccatg	ggaaataact	cgggcaaacac	caccaaacag	agtgtagcaa	60
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cctgtgtaag	cccttgccaa	actatacatt	gccccaacct	gacaaaacta	gtgcctagcc	120
ttgattggcg	ctctcggcaa	aaaggtctca	ttcccaaaaca	gccaaccccta	caacgactcg	180
atcaacactt	acttctccca	acaaaactcc	aacctccacc	ccctttgcat	tgtttctcca	240
acgacagcac	aggacgtgtc	caccgccatc	aaaataataa	attcaacccc	tgaaactcca	300
aatttcgcca	ttcgctcatg	cggccatgcc	cccttcaccc	gcgcattccaa	catcgcaaac	360
gggatcactc	tgcacctccg	tggcctaaac	agtatcaaag	taagccccga	tgcacgacc	420
gcctccatcg	gcgtcggcgc	aacctgtggc	gacgtctatc	cccacctoga	ccaattatgc	480
ctctcagtcg	caagcggtcg	cgcaggacaa	gtaggagtgt	gtggcctaac	caccggcggg	540
gggatctcat	aattctctcc	gcggtacggc	tggacctgog	agacggtgac	taacttcaaa	600
gtcgtcctcc	caaaggcacg	atcgtcaatg	ccaatgatg			639

<210> 5726

<211> 791

<212> DNA

<213> *Aspergillus oryzae*

<400> 5726

cgatcactgc	ctgagatcag	atcatacctc	cacaatgcag	atcaagtcac	ccaccgttct	60
cgtaaccctt	gtgggctcct	ccatggccca	ggctgccaac	ctccagcaaa	gacagtttga	120
atcgaccgac	gtggccgcca	ctaccaccga	cagcaactcg	ggttctacgg	agaccggctc	180
agtcactctc	ccatacctca	ccgagaccag	ccagacgggc	agtacgactg	gatctgaagc	240
tcctacaggt	accggctctg	gaactgccac	tggatcagga	tctaccactg	gatcaggatc	300
tcccaccgga	tgcctcagta	gcggagccga	atcgacctcg	gactccgcta	ctcccactag	360
cggatcggcc	tgcctaccg	agtcgggac	gaccacttcc	acttccactt	ctaccactac	420
cagggcctca	accaccacta	gtcgaagcga	gaccagctcg	ggaactgctt	cctccacttc	480
atcatcggt	tctccttcgt	cgaactgactc	gggtgcgctc	tgcaccttgc	ctcaagggtg	540
ggccacatgg	atgctccct	tcgttttggg	cgccttctcg	tgagatgggt	ttttgattga	600
atgctgtaat	gcgtttaatg	aatatccgaa	gggatttgga	aatgggctat	gatccacgtg	660
tgttttgtcg	gactgtgcat	attgttccct	ctgtaccttc	gctcaaccat	aatgatgctt	720
tcgttggtca	tttatctcta	cagctatgca	gatagttaga	ttccctacat	ctaattcatg	780
ggaccactgc	g					791

<210> 5727

<211> 732

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(732)

<223> n = A,T,C or G

<400> 5727

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ccagacagcc	atccatgctg	ctacttccga	tctctgctgg	gcaacacaca	ggcacatggt	180
gcacagtcgc	gcgtgatgca	gactcagtcg	ctcatcggtg	attatcactc	aagatgcgtc	240
tacctctctc	actgatcatg	tggcgtgcac	acaatcaaag	gccttagtcc	tgcacacaga	300
agaacgaaag	aatatcgccg	cagcattggg	cgcacaggaac	gcggctctgt	tgcagaatca	360
tggactcttg	acagttggaa	atacgatcga	cgagacgggtg	ttttgattcc	tgaacttggg	420
gaagtgcgtg	tatgcacagt	tattgactga	tgcggcggcg	gcgggaacgag	gaggacagac	480
gatcaagggtg	gatgatgcgc	atgcgggctt	taegtataaa	tctgtgggga	cgccttttagc	540
gggttatttc	accgggaaac	cgtgtgtgtga	tgtgattcat	gatgagacca	acgggagtta	600
tttgaatcat	tgagctggct	ttactatata	ggatgcctta	ctgaatgacc	ttctctcttc	660
caagcgcgtg	gtaattacct	gcggatgcac	ataggatgaa	actacagtcg	gntccttttc	720
ctgaacaaaa	aa					732

<210> 5728

<211> 657

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(657)

<223> n = A,T,C or G

<400> 5728

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cgatcgctca	ttttcagagt	tgaaaggctc	gaagggtcat	gcccccggtc	tcgttggtca	180
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atcctccggg	caggcaacta	gcttgcccc	agaactggtc	aatgacgaca	accaaatagc	420
cttgtacttt	cctgggtgat	gtgttgcgaa	cgctatcaga	ataactacgt	tttatcacga	480
anaagcaagg	gtccggngcg	tggaaactcat	cgaagcagaa	gttaacgaaq	tccaacatgc	540
caatggctgc	gtgaatgggt	tgatgaccac	atcggggctc	atcccggcca	gaagtcatat	600
cgcacgggaa	ttgggcacta	ctttgcagtc	acattcaacc	gatcgactgt	gccatct	657

<210> 5729

<211> 483

<212> DNA

<213> Aspergillus oryzae

<400> 5729

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gaattgggtg	taaatatcgc	ctacgaggag	caatcgctgt	cttcaacgct	ttactctgta	120
ttattggact	tcccattatg	ggctttgcga	aaggcaatgc	tgccgcgtac	gtgggcgtat	180
tcttcgctgt	ggcgggtgcc	aactccaaca	tcccagcttg	tatggcatat	caagcgaaca	240
atgtccgtgg	tcaatggacc	cgtgcatttt	ctagtgtctac	attgggtggga	tttgggtggca	300
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gcatgtggac	gactattgca	tgcaatctcc	tcattgttagt	cattgtggcc	gcgatgagct	420
tgtggttccg	ccggtcgaa	agagaagcgg	accggggggga	gcgtgtcatc	gaggggtctc	480
cag						483

<210> 5730

<211> 673

<212> DNA

<213> Aspergillus oryzae

<400> 5730

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acaccogaag	aagtaaatgt	tgatgtgtct	tccaagaagc	ccacaaagcc	tgctgtggaa	180
cgccaccaaa	gtcctgtgct	cgctgggaacg	aagttgaaag	gcctcaacta	cttcaagaat	240
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aagcaacgca	agcgctatga	gaagaagatg	ctgctcgcgc	cgcaaccctt	ccccctaaga	420
tccctgttga	ccaaacagct	actgatatta	ctcctgcata	gtacaaacq	qccqggcaag	480
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aaacgcacaa	gaggcacgga	ggaaggcctc	ataaaaggta	actttctccg	cgggttgaaa	600
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<210> 5731

<211> 638

<212> DNA

<213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(638)
 <223> n = A,T,C or G

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 atcgcatacc gagccctcgg ctgagagttg agttcctgcc gggcagcgcc aatgatttag 180
 caaatgatcc tactacggaa tctttgtact cactgttccg cagctatggg aaactgagag 240
 acattgaaag gcaaccgtcg gattccaaga tccaccaag gtacgcctac gtagaatttg 300
 ctgctcccaa gttcgcggtt atggcgaaaa actgcatgca cggattcaca atcgagaga 360
 aagaagggtg cgggaaattt ggcacaagggt tgaagattaa ctatgaacgg aagatcaaatt 420
 tgtcaatgat taaggactgg atcttgagcc atccaagaat agtaatccct gccgtcgtctg 480
 cacttatcgc ggccatcact gtgactgatt ttgaccccat tgcacacctt tttatcaaga 540
 tgaagattaa ggcaacgctt catgttcaag agacagtgtt ctgggatgga ttcgaagcag 600
 gttantagga caacatcacc ggcttgggtg ttgtggcc 638

<210> 5732
 <211> 631
 <212> DNA
 <213> Aspergillus oryzae

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 cacctcgtcc ggtgcgggga cccctggtgc cgacggatac gatctcttat cgagactgct 180
 cqagtatgat cccaccaaga ggataactgc gcaggaggca ctggagcatc catattttta 240
 gaattgggggt cctatctccg ccaactgctt cgagggtctt gaggggaaat atccgcaccg 300
 tctgttcacc caggatgata atgatatccg gtctggaagt ctacctggtt ctaagcggag 360
 cggattaccg gatgatagtt taatgggacg cgctcgaaa cggctcaaag aataacctga 420
 tccctgtcga tactttgaga gccatcttat aatttggagc gggagtgtt gggggcttat 480
 gggtttgcac atacttcatt tctgacattt tgcattggcg ttggtttggc tgtgatgcac 540
 agatggcttg gtaaatttta catatctaca gtatataaga aggtaaatat gggaccattt 600
 ggtaagaatc taccctttta acgtatttta t 631

<210> 5733
 <211> 724
 <212> DNA
 <213> Aspergillus oryzae

<400> 5733
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 ccgccagcgc cactgcctcc tgcaacagcg tgacctactg gcagctcccc gtcgacgatg 180
 ccgctcgcgc cctccccaag accggcaact actctgatgt catggacaaa tgctgctccc 240
 cggccaagggt gaccgatctc gacaacgggt ggggcctcta ctgtctcgcc cagggccaga 300
 gcgtcggcga cctcaaggac tgctgcgca agaacggcgc ccaggacggt cgcgagttct 360
 actgcaaggg caatgatacc gccaccgcca cggcctccgc tccgtcttcc accaagaccg 420
 gggacaagac cggtaactgc actggcagcg gtggtctctc cactcctcc qacagcgccg 480
 cctatgctat ccagcctgct gtttccaagg ggggactcgg tctcttggcc atgggtctct 540
 gctccgcttt gatgggggtt gttgcctaga tacttttccac ttgggggttg ctacctggga 600
 aqaattgggt gatctgtcta tatgttttgg tttcttttgg gatccgtctt gcgatgcac 660
 cggcaggaca taattattaa tacccttaac atatgagcct gctgaatata cttttctctc 720
 cgg 724

<210> 5734
 <211> 693
 <212> DNA
 <213> Aspergillus oryzae

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<400> 5734
gcattcgaat aatcccttat tctggcggttc aatttggaag ttacaatttt tacaaaaggt 60
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ctgctggaat tacctcagtc actataactt atcctcttga cattgttcgg acacgtcttt 180
ctattcaatc agcgtcgttc gcagccctag gtcactgcga tggcagagga aatctaccga 240
gcacgttcga gaccatgcgc tttatgatta ttactgaggg tgtgtcttta tcgctgttaa 300
tccgagatga tacctcacgc gacgagtcgt gagatactat gcgctatgtc actaccatgc 360
cacttcgtcg tcccgatctg acatgctacg acagttagtg tgctaagacg tgcgatata 420
ttactacaat acgacatcga taatgtcgcg acatcacgtc ccgtcacgct gacgagacgc 480
gcgatcacgt tgtcaagctg atctccacgc tgcgtccacg ttatcgagca gcgatcacgc 540
taccaccacg aggagctatc tcaatcgatc atcatgatcg ccgctgtcat gatctgaaga 600
tcactactgt cgacaatcac gatcctgacg gccgctgacg tcgaagattc ccagctatcg 660
acgatcgttc gttatgaaca accttgacgt gcc 693

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<210> 5735

<211> 639

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(639)

<223> n = A,T,C or G

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<400> 5735
caagaaacaa gtcggettcg cgtgggttga cggcgatttc tgggaacggt ggttgagaaa 60
tacgtatggt attgatgtgg caaatgggga acgagtcacg atcaacgacg acgataaccg 120
acggtactgg gactcatctt cgagcgggtc tctatcctg gcctcgcgta cttctattct 180
cgaaactatt cctcttgtga tcgccaaact cctaagttg acaccgaagt ccactgttgg 240
cacctttgag tctgtctttt tctccgctcg gtcttctcgc gtaaccacc ccatactctt 300
tgtctcctc ctgatcttct cgggttggtg cgcgacgtgg ttggcacgag ccagaggccg 360
gcgtgccggc cgcggtggca ttcttggggt cactaacggc aacaatggtt tctttcacct 420
tgatgggaaa gaagtctgtt gaacggcggc tcaactggna aggttgatta gtcgacggtc 480
gatgatctcg gaagaacatt tgtacagtta ttatattcat ttttacctct tttccctcat 540
gaccgttctc ctcttctctc aatccttcgt tcgctcgcgt ttgattcacc tgggtcttta 600
ttgggtttgt aaagttttta ctgggttcaa atcttggaa 639

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<210> 5736

<211> 678

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(678)

<223> n = A,T,C or G

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<400> 5736
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atcttctggg gttctgggga acgctgcggc ctttgacggg cggctggcgc tcgttgaggg 120
tgcgatgggc atctccagct cctcgaaacc ctccatcgcc gatgggagct cggatgtacc 180
actccagccc gtctacccgg ctctagacca cctcaggtcc cgtctgacta ctctaataaa 240
cattcttgtc ggcccggttc ctgtctcggc ggtcccaaca ataggttccg ctccaccttc 300
aacaacngtg tcgacacctc atctcgagaa tctgtcgacc cgcgtgagaa agctaaccgc 360
cgacacggaa gctctcgcat ctgcacgcaa ggcgcgcgtc gatgcggcta aggtgcgcga 420
aaatgctcgc atcgctaccc cagctctcga acctccgac atgtccgtgt cctctcctc 480
cgccacagaa gtccgacccg cagcgactca aggtgatgag caagccacga aggtccaagc 540
tctctacgcc accttaccaa ccattcaatc ccttcaaccc attctcccca gcgtcctgga 600
acgaacttngc tccctccggc ccaatcaagc taggcccggt taagcctttt gaataccttg 660

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<210> 5737

<211> 866

<212> DNA

<213> *Aspergillus oryzae*

<400> 5737

taatcccttg	ccttccttct	caacatgtca	gacaaagagg	ataaccctca	aatccctcag	60
caagagaaca	acaacccccca	ggaagagaac	aaccaggggt	cccctcagcc	caaggaggag	120
caggacgttg	agccaaagca	agagtctaac	tctgacgacg	ctgagcctaa	acaagaaccc	180
aagtccgacg	acgagtctaa	acaagacccc	cagcctgact	ctaagccaca	agaaaaagaa	240
ttcaagccccg	aagccgaacc	caagcaagag	cctcagtcag	aagctgagcc	cgaacctcaa	300
ccccagcctc	agaaagaaga	acctcggcgg	cgccccagga	gaccccgccc	acagaagtac	360
caacaggact	cggacacaga	gaacatcgac	cgcggcgata	tggataaacac	cgctgttgag	420
aaqccctcgtc	gtcagcgccg	ctcagcccg	cagcaacaag	acgggggtcc	cctcggcggc	480
ctcggcggtla	tagaccaagc	cgggtgaactc	gtacaaaaaa	cagccggcaa	tqccgtcaac	540
ggcgtgacca	acaccgctgg	caaagctgtg	ggaggcatcc	taggcggcaa	caaaggggaa	600
ggacaggacg	acagcggcgg	gcaaggacga	aacacttgcg	gttgccgggtg	gacctgaacc	660
tggttatgaa	agtgaactta	aaggctagaa	acaccgggat	ctaacccttg	ggttactcaa	720
cttaaaacgg	atgtgaatgg	cgcctataga	aaaaagattt	tatcccacgg	tggcgggtct	780
tggttaaaaa	ttttgaaacc	caggttggtc	ttcacctttc	tttggtggcg	gcctcctatg	840
gtaccttttt	cctgggtgaga	aacgcg				866

<210> 5738

<211> 637

<212> DNA

<213> *Aspergillus oryzae*

<400> 5738

cgatgcgttc	actgcgtttg	aataggtgaa	agttttgaat	catcttgctt	tcctcgacga	60
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ccaccggctcg	ttcgatatac	ttcttgccca	tttggttcgc	ccagcgatcg	acatatccga	180
cccagcgcag	ctggcttggg	atactcacc	cagggccaaa	cccagaccgc	attctccgtt	240
cggtaaaccg	ctgcaaagca	tctccatct	tccatcctgc	atgtgtcatc	aagtagctgc	300
acgcgaccgt	tccactccgc	cccttaccag	ccttgacgtg	gaccacggca	actctcttcc	360
gtttctctctg	tgcctccccc	tgagaatcct	tgccatctaa	accatggagc	cagttgtgca	420
tggaccccat	aatcgcgggg	ataagtgcga	atggcggggg	atgggtggcc	gggaatgggt	480
agtgatgtat	tctcccgtag	acagccttgt	cggggtagcc	tgccccctca	gcccgggaact	540
cgaagataca	ccagtcctca	ccatgtttgg	agtcaaggta	ttttactaga	tcgtcgagcg	600
ggtttctgta	ggcacgtttc	gggttagtag	ggggacg			637

<210> 5739

<211> 704

<212> DNA

<213> *Aspergillus oryzae*

<400> 5739

agatatactc	ggtgatataa	ttcgcacgag	gcgagacctt	caagctgaat	atgatcacct	60
ctgctcagat	cctgtccacc	aadtacqaac	catctacqaq	actttggggag	gtcaagatca	120
aaabccctgc	tggccagcaa	acggactact	ctaaacatct	gggtgcttgcg	actlygcctct	180
cgtcccagga	gccttatctg	ccaggcgttg	cggatagtga	cttotaccaa	ggaaccagtc	240
ttcatttcggg	tcagtaaccg	aatgcaaaag	agttggcgga	gacgggagcc	aagtcctgctc	300
tagtagttgg	atctgccaat	actgttttgc	acgtttctga	agactgccac	gncgctggctc	360
tcaagacaac	aatggctcgtt	agatctccaa	cctacattgt	cccggtcgag	tacctctgcg	420
aaaaccacag	tcttgggtgc	tatgacatgg	gcgtcgagat	agctgatcga	cttttctctga	480
cgttgccgtc	atatgtagac	gccagctcgc	ctcgaggtct	gatgacccag	ttcgcagcac	540
aggagccgca	tcgtacgac	gctctcgcag	ccgcggggtt	cccagttatc	gacagtcggg	600
accagacat	ggcattgatg	cacaacttgc	tggagcgagc	gggtgggtcac	tacgtggatg	660
tgggtggta	caagctgctg	gcggatggaa	aggcggggtg	aaag		704

<210> 5740
 <211> 1304
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1304)
 <223> n = A,T,C or G

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<400> 5740
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gacttgtttg gttttcttct tccagactat ctctttctct cattacatac tctctccaca      120
tattccatca tgggtaaaga cgacgaacct agaacctacc gctacaacga gaagccggtt      180
tacaccaact ccaatggctg tccggtcttc gacctcagg ccgcgcagcg cgttggccgt      240
aaggccctt tgcatactca ggacttccac cggattgacc ttctggcaca ctttgaccga      300
gagagaattc cagagcgtgt cgttcatgcc aagggtgctg gcgcctatgg cgagttcgag      360
gtcactgatg acatcagcga catcactgtc atcgacatgc tcaagaccgt tggcaagaag      420
accaagtgtt tcaccggttt ctcgaccgtc ggtggcgaga agggttctcc cgacagcgct      480
cgtgatcccc gtggtttcgc catcaagttc tacactgatg agggtaactg ggactgggtg      540
ttcaacaaca ctcccgtttt ctttctctgt gacctgccca agttcccat cttcatccac      600
accagaagc gtaaccccca gaccaacttg aaggatgcc ccatgttctg ggactacctc      660
tccactcacc acgagtcctg tcaccaggtc atgcactctt tcagcgatcg cggtaacccc      720
tactcttacc gtcacatgaa cggctactct ggccacacct acaagtggat caagccggac      780
ggcaccttca actacgtcca gatccacctg aagaccgatc agggcaacaa gaccatgaac      840
aacgaggagg ccggtcggtt ggctcttgag aaccccgact ggccacacca ggacctgttc      900
aacgccatcg agcgcggcga aaacccctcc tggaccgtct acgttcagac cctgagccct      960
gagcaggctg agaagttccg ctggaacgtc ttgatctca ccaaggtctg gccccaggcc      1020
gaggtgcacc tgctcggtt cggcaagttc accctcaaca agaaccacca gaactacttc      1080
gccgaggtcg agcagcgccg tttctctctc tgcacatgg tccctgggtg cgaggcctcc      1140
gccgatcccg tgcctcagtc ccgtctcttc tctaccccg acacccaccg ncaccgtctt      1200
ggcggcaact acgaacagat ccccgtaaac tgtcccatgc gggccttcgc cccctggcag      1260
cgtgacggct acatgaacgt gcacggcaac tacggcgcca accc                                1304
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<210> 5741
 <211> 663
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(663)
 <223> n = A,T,C or G

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<400> 5741
ctcaaccgca tcaccaccac atagaccatc cacacacggt caccaatcca ttttctacaa      60
ccaccatact tgttaataca ttataattcc acacacttca agttaattac aatcgattaa      120
tcacaatgca tttccataaa atcacgctgg gccccacctt ggccgccctc ctgagcctaa      180
cctacgctct cccaaccacc tcatatctct tccctctcac caccctccac qacaccagct      240
gacctacggg aaagtctttc tctcgtctgt acaaaaaaca cttccggggc tgcctgtctg      300
tgcaccatga cgtctctgat gacggctgtc agacaaatga caccaccaac tgcacgcggg      360
gcaaaatcta ccagcccaag atgcaaaact acctctccc cctctgggac cgtatctcca      420
ccccaaaact taacgtctcc aaatccgcca ccgcgcgaat ggaccagacg atgacgttct      480
ccgtgcctca gggagctaaq acctgcacgc tgaattgnng tctgcccggc gagcgcaact      540
tcaaggccgg caataatgag ctggtgaaag tctggcangg gataaaggtc gagggggaga      600
gtattggcgc ggccgaattt accaattggc ccggtgtgga gggctcccat ntgcataccg      660
tgg
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<210> 5742

<211> 665
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(665)
 <223> n = A,T,C or G

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<400> 5742
cgtgtatact tacatcccaa gcgtctccct atggatgtcc catccgttct cggttgcttg      60
ggttgacccc tgcagctctg taacaaatgc agcagaaccg gaaaagtctg ccaaaagccc      120
aacatctacc ggaagcatga gtccatcact gcttgagaaa caaccogtgg ttgatttgaa      180
cgactacatg agagaaagtc aagaaccaac atccgtctct cttatcgtga gtgcgcgtca      240
aggratgacg agaaagctat acaacaaagc cctaattgcg cccaatcaaa tactacacct      300
ctcaggatac atcgaaggac cgtacagatc gcaagctctc aacatgggca gctatgggtac      360
cgccgtactc ttctctgctg gtgcagggat caccacacct atgctgtacg tccgcgacct      420
gatcatccgc gcaaccgaag gccgtgtagc caccgcaaaa gtctacctca tctgggtccgt      480
gcgtagcaca gagcatctcg cctgggtaca agagtggatg gatgaaatcc tccgcctccc      540
cggccgncgt gacatcttga caattaagct cttcgtttcg aaaccaaaga gcagccgtga      600
gatagtttca cccagcgcca ctgtccaaat gttccccggg cgggtgtcgc ctcattgtct      660
tctgg
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<210> 5743
 <211> 680
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5743
cggcacgagg gcgatgtgtt ttgaagatgg accatcattg ccccggggct cgcgacglgc      60
gttgggctgc ataactacaa ggccctttct ctgtttctta tttatacatc gatattctgc      120
tgggttgatt tcgcggtggc atcgagttgg atctggaccg aggtactcaa tgatacgcg      180
tatatggaca ccattttacc cgtcaatgtg gtctgttggt cgatacttgg agggattatt      240
ggattgggtg tgtcgggatt taccatctgg cacattagtc ttgccgtgcg taacctgacc      300
acaatcgagt gtttggaana gacgcgctat gtatctccgt tgcggaaagc gctggatcgt      360
cgccgctacg aaaacatact gggtaatggt cacaatggcc atgaaaacga cgacctgaa      420
agtctcgggc atcggcttca ggactatggt aatcagatct tggacgcccc tgcgaatgcg      480
atccccggag tcacacgacc ggaggaggga gaggagcccc ttcttgctta ctctcaatcg      540
ggtcccgggg gactcccgcc ccaacaggcc ctgtcgcgat catatgcgga cttggagagg      600
gcacgcgagc atgatcgga cccatagtat cttgaccaag aggataatga gaagatgcgg      660
acgctttcga acacggaggg
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<210> 5744
 <211> 550
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(550)
 <223> n = A,T,C or G

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<400> 5744
cccagaacaa cccattttca acagaccatt tcgtctcgtc ctgcgcttct tctctcccca      60
aaggtatagg tagccaacat gaagctgtac tatatctctg tcatactcat gacatgtctg      120
agcaatgctc ttgctcaagg aatggacggc ctcccagact gcgcgaaaag ttgtgcaact      180
ggctccattc ccaagcagtg ccagactatc gatgttgctt gtatctgcgg tgacaaaagc      240
tttatcaata gtatatcttg ttgctgcgcc aataagtgtt caaaggacca acaagatgcc      300
gttctcaaat tcgcaagcca gctctgcagt ggccgcgggt taaatgacct ccccaagagt      360
gacagctgcg ccgagggagg tttgagcgct accgagacat cctccgattc ttctgtctcc      420
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agcaagtcga	ctactgcgaa	gagcacggct	acggatgaac	nggctacaac	tacttcnggt	480
tctttctgac	agtctgcata	aacaaccgct	ttccaaatct	ggccacaaca	cttagactta	540
atccacctca						550

<210> 5745

<211> 684

<212> DNA

<213> *Aspergillus oryzae*

<400> 5745

ccatacagcc	cgacctctag	actgtatagg	ttctttgata	cggtcatttt	acctttcta	60
ctagcctact	caagacaaac	ccccagacca	acaaccaccg	aagttaacca	ccgtccaaaa	120
aacccccatc	tcaaccctca	aaaagagAAC	aaattaccca	caatcccaac	accctcaaaa	180
accccaaaat	ggccgacagc	atcgacatat	acaaccaata	ccctctgggc	ctcgacccaa	240
cctcgaaagc	catcaacctc	tctctcAAA	ccacaacccc	agcctcagca	agcacagtaa	300
ccaccgaaat	aacCGaacta	aacgcccctc	acCGgggact	catctccctc	gaccCGcccc	360
acatcccccc	gcccccgctc	cccatcAAac	ccaagcgagc	ngccccaaat	acaaagctcc	420
gCGacagcgc	aaacacCGgc	taccgcaaga	acaaccaagc	cgaggcagtc	cgactgtaca	480
catacgccat	tgagatggga	atcgcaCGgg	ccgggtggga	acctatgagt	ctggccaggg	540
aggaactggc	ggggttattt	gcgaacCGgc	gcaagcgat	atggcgcaac	aagcgtggcc	600
ggagggattg	gtggatgcga	aatgtaatgt	tgaagtaaac	cgggggggaa	tgtgaagctt	660
gtggtaggct	gggaatggtt	gcct				684

<210> 5746

<211> 657

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(657)

<223> n = A,T,C or G

<400> 5746

cttttagcta	atcgctcctt	gttattgccA	tgacacgctc	ctttgatttg	ttacaaactc	60
ttagaatagt	tgttattaat	ggcgctcgtc	gttctctggc	cgatcttgat	cgctactcct	120
cttgccctgg	gctacactaa	ccctcgctcc	atttcaattc	ctgaagacta	cgatgtattg	180
caatatgttg	accgcttat	cggaagtccg	aacggaggga	acgtcttcgc	cggcgcgtca	240
cttccctatg	gcattggcga	ggctgtagcc	gacacagatt	ctgtgaacaa	ccaggggcggc	300
ttcgcatacg	acgggagtaa	catcacgggg	ttttccagtc	tgcatgattc	aggtactgga	360
ggtcAaccgt	cgcttgggaa	cttccccatt	ttccccatg	cgagctgcaa	ggatgacgat	420
gtcaatggct	gtgtgtatcc	caagaaactg	cgcaagacgc	gctacgaccc	cgggctctgtg	480
tctgcgagcc	cgggttattt	tgcattgacc	atggcatcng	gaattcaggt	agacatgact	540
gtatccnacc	atgcactcct	cttccgtttt	cggttcccag	cagatcgcca	aaccaaacc	600
cttatcctgt	tggaccttta	tgacttgctc	gacacgcgac	aggacaatgg	aaccatt	657

<210> 5747

<211> 678

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(678)

<223> n = A,T,C or G

<400> 5747

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ccctcctctc	ccacctcccc	gaaacccaat	cctgattaat	ttatactcaa	ttccatacat	120
acctcccaag	catcccaactc	taaacctccc	cgatccgata	acacttgctg	tgtaccccc	180

ttaccgatgc	ctatcatctc	cggtggetgc	gcttaatttc	cagcctgtaa	ggtgtccttc	240
ttccaaaacg	tggctaatac	ggcttgaatc	ctcaccctcc	tctacctgac	cttttcgtcg	300
ttgcgcgcct	gaggtggaaa	aaacgcacca	accatagcct	gccctctctg	gcctcaatct	360
tcaatcctcc	tgtcgtcgtg	cacgcccgcg	caatgtcctc	cccatgtcaa	gccctccgtc	420
tgcatacaga	aatacctggg	ctcgaccctc	ggtgacacct	gttgcgctcg	cccaaaatga	480
ttgctctgac	gggcctgaac	gccgtgatca	caagcagccg	cgccaccaacg	cccgggatca	540
gctcctccac	catggcatcc	anaaagctcc	ttctccttcc	cgtgctgaat	ccccaccgc	600
tcatcaatgg	gccaaccgtg	cggcgggctt	cgggtctaaa	aggccacaac	cgtcccccc	660
gaatagctct	cccgcctc					678

<210> 5748

<211> 697

<212> DNA

<213> *Aspergillus oryzae*

<400> 5748

ggcaagcccg	aagatgatct	tcacacctgc	ccacatctct	atgaatacat	tgtgttccgt	60
ggcagcgatg	taaaggacat	cagtgtagcc	gaggacaaga	aggaagatgc	accccaagag	120
cctcaacagg	tgccagatga	tccagctatt	ctcgggagca	tgtctcgctc	aggaccgcgc	180
cctcaaggaa	ttccccctca	atcccagaca	ccacaacaat	cccatgatgc	cccgtccgac	240
gccgcctgta	tattcccata	cacagtttca	gggaggcttc	gacactccct	atgggcaacg	300
atgttgactg	gacgtgaaat	gacataactg	gacaacgata	tcctgcgttg	acacccatag	360
taccgcgaca	tacggcgaga	tttgacatga	ccacagggtca	cctctatgca	tcacaagatg	420
tctcgatctt	gaggatcgtc	gttataatat	gaagtctact	tagataccgc	cacgtacaat	480
actgtgtact	aaccgacgac	gttgatgatg	atcataattt	accatgatga	tgtacatgca	540
tgacgtccgc	gaatttcaat	aaggaacgcg	attaatatct	acaacgttat	ttaaggccta	600
caatcatgct	acgttgtcta	acatcgctcc	acgatgtacc	atgcctgatt	atcgaagtac	660
gtcgtccata	gacgatgctc	gtatgacaag	cgtacccc			697

<210> 5749

<211> 718

<212> DNA

<213> *Aspergillus oryzae*

<400> 5749

ttgacgttct	ggaggagctt	tttctctagt	tttatatttg	gtatactcct	tgcggttacc	60
atttaagccc	agtgcccgat	caattgcata	tcataatgtc	gaaccccgct	tatctcagtg	120
tcattggagt	tggagggtga	ggcacagcct	tcctgagcca	gcttgcccgt	ctccccaacg	180
cccccaagct	cgtgctcctc	gcccgtccca	ggcaaacctc	ccagtctccg	acaccggcct	240
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aatcgggtgc	tctctccgtc	gacgaaattg	cctgctacct	gtcctctgac	gccggtcggg	360
ccatcctcgt	cgacaacacc	aacgacctca	ccctcgctag	cttctacccc	gtgttgcttc	420
gcaagggcct	ctccattgac	gcccccaaca	aaaaagggtt	cgtctccgac	ctctccctgt	480
ggaaagacat	atgtcctgct	gccacaaagg	gcaacgcccc	tcgtgtacca	ttgagaagcc	540
cgggacgcgc	caagtattcc	ccttgtaact	aaaccttcgc	gaacctcata	tcactgggcg	600
agtagggcac	ttgcctaccg	aggtggattt	tttcggctac	acttgcctta	tcttatcgaa	660
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<210> 5750

<211> 655

<212> DNA

<213> *Aspergillus oryzae*

<400> 5750

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taaaagacct	cgacctcaac	aacatagacg	taaaagataa	ggccgccttc	gacgattacc	180
tccttcaact	ctcactattg	gacgcgcgat	ccgaaataca	aaacagtccg	ctagacgaca	240
tcctcccccc	gatctttgac	acagtagacg	cagaagacta	cgactacgac	tacttcgacg	300
atgacgacta	tgacgacgca	gaatacttcc	ccttgacatc	caccgagctg	cctcccttct	360

cccaactaca	tccccacac	caccgcacct	cgcacaagac	catctacgag	ctcatcactg	420
aaagcaaata	caccaccatc	ctggcggaagc	ttatcaaaga	agacgaggaa	ctagtccatc	480
tcttcaactc	gacagaagca	aaccacactt	tcttcgcgcc	cacagacgac	gcattcaaga	540
agatccccga	ccatgacgac	cacaaaccgc	ccaaggagct	catccgcgcc	ttcatcaagt	600
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<210> 5751
 <211> 667
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
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 <222> (1)...(667)
 <223> n = A,T,C or G

<400> 5751						
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cggaaatggc	aaagccatag	tgatcatcgg	gggcgcctca	tctgtggggc	aatatgctat	240
tcaattagct	aagctgtcgg	gtttcgaaaa	gattgttacc	aacgcaagtg	ctcaaaaacca	300
cgagtggctt	aagaagctag	gcgcacatgt	tgtcctggac	cgagcccctt	cgagcccggga	360
ggatttcaag	gctgcgatcg	gcgggttgcc	tctggaattc	gtgttcgatg	ctatctcggt	420
gaaagagacg	cangcattgg	gtgtgggcat	tgtccaggct	accaaagggc	gccgatagat	480
cgtgacagtc	caggggtgcg	actcggatgc	tattgcactt	ggtcaatcga	aggagcccga	540
aggtagcggg	taaacaggtc	ttgggaatgg	ggagctcccc	agcattacgt	tatcttagcg	600
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taaccgg						687

<210> 5752
 <211> 1253
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1253)
 <223> n = A,T,C or G

<400> 5752						
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getctcactg	ccctcgcggc	tctggctact	gcccacaccg	accctgacta	cagccagggg	240
ccctactggca	accccatctc	cactcccggg	ctgaacgagg	ccgtgcccgt	tggcaagccc	300
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gagagcacga	acatgcagac	tctcgagact	attgcccagc	agatccccc	caacggcaag	420
ccggaatgga	ctcccaagac	cagccttgag	gcccgatgca	ccactacq	tctctctctg	480
gtcgtcgagg	gaactgggca	gtaccagtaa	tccaccaggt	tgggtatctc	caaccctaac	540
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cggaacttct	tcttcccgca	cctcttaagt	gacttaactg	atcaccacta	ctatctgcgc	660
cgagaactgag	accgctcccg	ctactgcgcg	tcttaccgct	tccaccagcg	ctcctgtcat	720
ccctctctct	gctcagttct	actcctgggg	cactggcggt	gttagcgtcc	ctgtcgtctc	780
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tgccttcag	cagatagtaa	tatcatcttt	tgtttacacc	tcacctaggt	gtgtttttatc	1080

ggaccataaa	cacgccccac	tactcgagtc	gatggcttga	gctcacttga	taccttctct	1140
tcatgtaatg	aactttctcat	gtattctttc	catggacatg	atntagcatt	ttctttttatc	1200
taatggcata	tgttttcgaa	ananaaaaann	nnnnnnnnaaa	aaaaaaaatt	cct	1253

<210> 5753
 <211> 593
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5753	
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taatcccccc	ttataaattg
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aaaaatccca	cctctatattc
ttttccccc	ccaaaccctt
ccccccaaaa	aaaagcccat
tcggaaaggg	cccaactact
gggggggggg	cgcccaaaaa
tttccacca	cacacccttc
tttccctttt	caaaaagtttt
aaaactttta	acaaaatgct
cctccttttt	ttttccccc
gtccttaaat	tcaaacctcc
ccccccctta	ggtcatttta
ggcgtccctt	cccggttggg
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aatacccttc	ttgaaagaat
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tattataaca	acg

<210> 5754
 <211> 677
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(677)
 <223> n = A,T,C or G

<400> 5754	
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gtcgcaaaagc	atccactaat
caagaagtgc	ccctggctat
ccgagggccc	ggcaacgggg
cttccaccaa	caaccgaacc
tattctgcgc	ccaaccgcgc
accgggcctt	ttttttgatg
gttgtgtgat	ggccct
gngtaggagc	tgggctttca
cttcgtagc	aatcattatt
aagcagcaga	agaggaacga
acccaactct	tccacctata
gttatcgggg	atgggaggtg
gtgctggggg	atgggggacc
tggactggcc	atgtccgagg
ctacccccag	cgatggtact
cgatcggggt	tctaagagct
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<210> 5755
 <211> 658
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(658)
 <223> n = A,T,C or G

<400> 5755	
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gaccaacaat	ccaatcaatt
ccattacatg	tttgatacag
gaggcactcg	atggacgctg
gtagcattaa	taccgcttcc

tatgctgata	tgggtttctca	agcggattca	acccgacgtt	gctggattac	tgggcacaca	300
tcaactgatg	gcaagcattg	tatcaaaata	catggcatcc	aaacccgaag	aggatcaaga	360
cgaactgata	gcaacgaagg	ctgtcaagcc	ccgtacctta	tttcacgcga	tcgaagcgag	420
ctctttacca	cctcacgaga	aagttccac	tcgtctggcg	caggaaggtc	taaccgtcct	480
at ttgcagg	ggcgagacag	gttcacgtct	gcttgccac	acaatatacc	atttatttga	540
agaatcccg	gattctcgag	aaggtttaga	aggaaatcct	tgacgctgcc	agagactcca	600
accacttgct	gacttgaaag	ctcttgaggc	tctcccttgc	ttaactgcct	tgtnccaa	658

<210> 5756

<211> 698

<212> DNA

<213> *Aspergillus oryzae*

<400> 5756

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ggcggtgtgc	tccaagctgt	cgaggtctta	tatcaaacat	gcgaacaccg	tactaaaccg	180
cggcccgacg	gtcgacatcg	ggaacatcgc	cagcatcacc	aactcgtctt	atgaaagtgg	240
cttgctgggc	gcccctggcg	gtggtgctcg	cgctactagc	cccggcgcaa	agtcgcgaggt	300
gggcgagaag	aagaagcgca	agcgcgctcc	cccggacccc	aatgcgcccc	agcgcgcctt	360
gactccttct	tttctttaca	tcgagcacia	ccgcaccaag	atcagcgagg	aaatgggtcc	420
cagtgccaa	cccaatgatg	tctctgacga	gggcacccgt	cgctggggccg	agatgcccga	480
ggatgagaag	gagcactgga	agaaaatgta	tcgggacaac	ctcgcaatct	acaaggagaa	540
gatggcgggc	tacaatgctg	gtcttccctta	cactggtgaa	gcgaaagctg	ccaaccagct	600
tgaaaaggaa	ggcggacccg	gccggaacca	acccctgctg	gaagagtccg	aggaggaggg	660
agaaaatgga	acatgaggaa	gaaggaggtg	gacccct			698

<210> 5757

<211> 564

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(564)

<223> n = A,T,C or G

<400> 5757

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agcgatcgtc	atcaattcgt	accacagtgg	atgattctgg	tccacctcgg	gcgaagcggc	180
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tttccgcaaa	gctccgggtg	gctgaatctg	aaattgcttc	ccaacgctct	ccacagtctc	420
agagagaagc	gacagccct	gaaaccaggc	agatgcccc	ttccattata	aaaagcgaac	480
ccgggttcca	tgctcggca	tggtctgacc	ccaagagnga	gataccngnt	catacgacaa	540
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<210> 5758

<211> 719

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 5758

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cacaatatat	ccattttctc	ttcctgcca	tctttactcc	tgtccagcg	gcatcatgtc	180
tgacacgcct	gaaggatttg	ttgaatacgg	ctacgacaat	attacagaat	ggtatctgca	240
gtgggtgaag	agccagaagt	caccacgaga	aagatacacc	aagatgctcc	tagacaagct	300
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ctttaatctt	gcaactgtcg	atgaagaaga	aatccatggc	gaattcctag	gatatgggat	660
gttctggagc	agctatagtg	tggatcagaa	ccgagcaatg	ttaacagaaa	tcggatttn	719

<210> 5759

<211> 691

<212> DNA

<213> *Aspergillus oryzae*

<400> 5759

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ccaacgaagc	attaggaagc	acttctatgc	tatgagtacg	gtcgaaccgg	actgggagcc	120
aaagtctacg	gattcttcaa	gacacaggat	ggcatactcg	ggagaatcga	tgagttcctg	180
gatgcacgta	acttggagcc	ggaggatggt	gaggattcgg	ttatcagagc	ggatgttgct	240
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gacattcagt	ttatgaacgt	catggggaaa	aataaccgga	aggaaggaga	gaacaaaggt	540
accttgaatg	actttgagtt	cctgatgcc	aactaccag	cctttggcat	cgggtggacac	600
tttattgcaa	aatttgggtca	atgggttgac	caggagaagc	cggataacaa	attgctggga	660
aatattccta	agaaggaaag	agacactttt	g			691

<210> 5760

<211> 712

<212> DNA

<213> *Aspergillus oryzae*

<400> 5760

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gggctggcca	tacgggccc	tgcccaacac	tcgctgctca	tacacattcc	cgctactcgc	180
ttcataacct	gaagaatact	acgacatcgt	ttctaacgat	cacagcttct	gaatctacta	240
ttaatcaactt	ccccgcctcag	attgggttcg	catatccttc	attcggctca	cgaccaaaga	300
gacgctagga	cctggtggcgc	atacgtggat	ccttcacctta	ggggtgaaag	cagaactgaa	360
gacaggaagg	ctgtacggac	atgctctgaa	cgtataagat	tcggctcggc	gctcgatgca	420
tcgattgagt	gacgtgcatt	acgagagcac	atacagata	gaccgacgat	taacctggga	480
gtgacacaa	catgtcgaat	cgatattcag	agcaactccag	ccattcggct	gctgtctgca	540
gcggtggccg	agcgccccag	gcagggtggc	aggagtcaac	gacgacgtag	ctgaatgcgt	600
cgcattgcga	ctatgcgacg	gcacaacgct	accaactcga	cgcgggaacc	tggctgcggc	660
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<210> 5761

<211> 636

<212> DNA

<213> *Aspergillus oryzae*

<400> 5761

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tacaatatct	ctctacgatg	gcacttattc	taagtctcgg	ccatccaagt	cactgggtgc	120
ctcaaccata	atagatctgg	aagccctgct	tggatacaca	ttttctgata	aaagtctggc	180

gatagaatca	atgacacacc	catcctgtgt	eggactctac	gggacagcat	cttatcgacg	240
tctatccttt	cttgggggocg	gcatacatga	attggtagtt	gtcaggtact	tacataggca	300
gaagagcttt	accagctcca	aaaggetgca	atctctgaaa	tccgctgtga	ccaacaatat	360
gttccttgca	ttcctgtgtc	tcacgttcca	ttggggagaag	caacacgata	ttattgaggt	420
cgatagtatg	ggcgtcccaa	gcgtcattca	gacccgtggc	cgagttagcg	tttatcattt	480
tctacgctca	cagagcgact	ctctctcaga	caagggtatcc	agtctgggtg	aagatctcac	540
cagtcagctc	cacgtcatca	agagggatct	atgggaaaaac	ggaatatatc	cctgggcacg	600
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<210> 5762

<211> 683

<212> DNA

<213> *Aspergillus oryzae*

<400> 5762

caccacaaat	ccacccaaaa	tggcgaatct	ctgcctccac	ggccgggggca	ccagcgccca	60
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cgacttcac	gacgccccct	accccaccac	ccccgcctca	ggaatcgacc	tcttctacga	180
acccccctac	tacacctttc	ggccccgacga	ctccccgacc	tcccatcaaa	acgcgcgaac	240
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tccacctttc	aaagcagcca	tcttcatctg	cggcgggtgca	ccgctccccc	tctcgaaga	420
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ggtgcatata	tctccaacca	tcacgatatg	ataactcacc	gatgacatcg	cgaaaataat	600
ggcgacagcg	actatccttt	attataccca	ttacaatatc	gacctgttg	tccacgcccc	660
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<210> 5763

<211> 1306

<212> DNA

<213> *Aspergillus oryzae*

<400> 5763

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acagccggct	acctgaaaga	gcattgtttg	accgactttc	ttaagagctt	ctgggtaagg	180
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caaaagggtg	gcgtcgggtg	gatactcgaa	cgctgtctca	acaacctgaa	agacgagagc	300
gagccttacc	ggaagatgac	ggtggaaaacc	gttgagaaaac	tcattgcagc	cctgggagcg	360
gcagatatct	ccgagagggt	ggaggagaga	ctcatcgatg	gtgttctcta	cgccttccag	420
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aacgataaaa	agtggtttgt	gaacgccatg	tactttttgg	tccaataact	cggccagatg	1200
gcttaaaaact	acttcatgac	cgtaccccc	tttttaagat	ggctttatat	ggtgaaaaca	1260
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<210> 5764

<211> 668

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(668)

<223> n = A,T,C or G

<400> 5764

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cccgctcccc	agtcgggttc	aggtccagac	tcagaagaac	aatcaggctc	cgacgaagag	180
gatgaggatg	aggatgagga	aaagcaaggg	gaagagggaag	agaaaagacag	acccacagac	240
gaagaaaagg	aaaataaaga	tgcgcaccaa	cacgaagaaa	aggaaaagga	aatgggtccag	300
gaaccagaaa	ctcaaaaaga	cgatatagtc	ccagaaaaccg	aagaggagcg	agagcaagaa	360
accacaaccc	cagcccaatc	caacccacca	ccaacagaaa	ccctttccaa	acccaacctt	420
gncgaagaag	aaactgagtc	cgacgcqcat	qaagaatcag	acggagaaga	agaagaatca	480
gacaatgaat	ccgacaaaaga	aaacccgctc	ctcccgaaaac	cagcctcgac	agcaaaaagcc	540
aacgttcttc	gtcgcacaag	tctcaaatcc	cccttattcc	aaccgaaccc	gccttcagcc	600
agcaacaac	aaacctctct	taattaaccc	ccaacgggtt	ccgaccaacc	ggaataacct	660
caaatecn						668

<210> 5765

<211> 691

<212> DNA

<213> Aspergillus oryzae

<400> 5765

cggcacgagg	gcaactttgc	tccacaaaact	atttaccac	caccccaacc	ccaaccacct	60
ccacaaccac	ctcacaccca	ccagtataaa	acaggaccac	tgacccca	accgccccaa	120
aacaactgcc	ataacaatta	ccataacaac	caccaccaca	acacaaccat	ccaaaatgct	180
cttcaccacc	atcctcgcc	ctactcttgc	cctcagcatg	ggcgtctccg	cagcaccacag	240
acccgctccc	cctgcgcaca	cgcggtacgt	gcagctccgc	ctctggggcg	aaccacagctg	300
ctcggctctc	aaccagggcg	agctgggagt	ctacggcggc	gccctcaacc	agtgcacagac	360
cttcaacaac	aacaccatcg	tcaagtctgt	gcgcttcgaa	gccaagtatt	ctgacacctg	420
taccgtggct	ctttacgatg	acgtcacctg	cagctccagt	ccccacgaaa	tccagcttga	480
gacttgctct	tccagtgatg	cgcagtatcg	cagctatctg	gtccagtgcc	ccgggtgttcc	540
tgtctaacta	aggggtcttg	acttgcggtg	gcttctttct	tgtcgcgttg	tgtgaacggt	600
atgaacttga	cgatgatttg	ctgaagggtg	agtctggaga	gtggttatga	tttattggat	660
atgatcttat	gtacagcgat	gtatagtcta	t			691

<210> 5766

<211> 828

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(828)

<223> n = A,T,C or G

<400> 5766

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ccactcgcaa	tacgggagtt	aagccacccg	ccctaaaaca	accgcbaggc	cgcctcgact	180
ccaactgtca	gctcaacaac	cctctacaac	tcttcaaccc	cctcttaca	cccccaaaa	240
tgtcttaca	caagcccagc	ggaccacctc	cctctctatc	cgccccgltc	gaggaagcag	300
ggccctaccc	tcccaaggcc	ggccagggag	actactacaa	ccaaggcgga	tacccctctc	360
agaactacgg	tccacccccg	cagcagggct	actacggctc	tccgccaccc	cagggtcaac	420
agcccatgta	ctaccgcgcg	cagcaaggat	acccacagcc	ggggtactac	gccgatgacc	480
gcggcggttg	cggatcttcg	ggcggttgga	tttgccgcgg	tatcatggct	ggcctggcct	540

gctgttggtg	tctggatatt	ctgtttttaga	gattgcgccct	ttgccttcgt	tttatacgcct	600
gcttcgggtt	tgatcgtggt	ccttttcgttt	tttggcgccg	gaatgggaat	tggttttcgtt	660
catgggtgtaa	cggagtgttt	tttcttgctt	gttgagcttt	gaatagggtgt	ctgttgcatt	720
tgatgttcgg	tggttaatcg	atcactgggt	ggtatcggtt	tcgngatata	ttgcttatgc	780
gtatgctata	ttatatatca	tggtcatgct	cgctacatac	ataaaaaa		828

<210> 5767

<211> 702

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(702)

<223> n = A,T,C or G

<400> 5767

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gaactggact	ctcaacaggg	aatatcgtgt	tgagctggac	ccatgcaagg	ttaacgcaca	180
agctggaatc	tggttacaag	gtgaccacga	gcaaacgcac	gggctgtgtg	actgtatat	240
gtgcatctta	ccgacacgca	gggggtgaaat	ggtgaactcg	atttttggag	gcgagttagt	300
gggaactact	gtgcgggaca	ccactcacat	gcgcgctatg	ctctaaagga	agacgtggga	360
ttcagcaatg	ggaacgtggg	catggncttc	ctgagctgcg	atttattgag	cttaacgtat	420
cttgagtcgg	cttctttttg	gcgtttttagg	cgctaaagaa	gattattctc	taacgaaagg	480
acgagccgag	gatcgacagc	aggggcacaaa	tgagagagca	agcctgaaaa	agaaaaagaa	540
aagggaaaaa	gaaaaaaagg	cgggaagaaa	agggaaaccac	accagagcaa	ttattacact	600
ggtatacgat	gtttttattt	ttggatacct	gttctattat	tcatagacta	tatattacgg	660
agtactctat	aatttttttac	atgcttggtt	gactatgtaa	aa		702

<210> 5768

<211> 679

<212> DNA

<213> *Aspergillus oryzae*

<400> 5768

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cgaactcttg	cgatcaatc	cgccaacatc	accaccgagc	tttcccgtcg	ccctccgcct	120
cgatcgccac	tcctcattat	actctcggct	ccggatcgcc	atctcttctc	cgcacatcca	180
gctatctctac	accttcgcaa	ccgcaccgta	ctttctcgca	cagctcaaca	acgatggccg	240
cagcaccgaa	atttgcccga	ggcatgaaca	aaggccaatt	gcaaccggag	ctgaactcgt	300
tactggaaca	aggggtggcg	ctggatgagg	atggaatggg	cgtgaagaag	acatactact	360
tcaaaacata	tttcaaggcg	gtgagcttcg	tcaacgtcgt	cgcacgcgaa	agtgcagcca	420
agaaacacca	cccaaccatc	acagtcagaa	tcggctccgt	cgacatccac	tggaaccagc	480
accaaccacg	cggctctaacc	gataaagatc	tgacaatggc	gcaacactgc	gacgaggcgg	540
cagagttaat	gggcgctgtg	gaaaaggatc	agggcaagaa	atgcggtcct	tcctccccga	600
ctccctcttc	gccgggggta	tagtcgcaaa	cagaatatat	aaaataatca	atcgggtata	660
tgattatcct	gccgtgcat					679

<210> 5769

<211> 1092

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1092)

<223> n = A,T,C or G

<400> 5769

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gcgccttcgc	cgaaggcttc	ggatacagtg	gtggagccat	acaacgccac	attgtctgtt	180
catcagctgg	tggagcattc	cgacgagaca	ttctgcacg	ataacgaggc	cctctacgac	240
atctgcattg	gcacctgaa	actggcttct	ccttccatg	gtgaccttaa	ccacctggtc	300
tcggcagtta	tgtctgggtg	taccgtcagt	cttcgattcc	ctgggtcaact	caattccgac	360
ctacgaaaac	tggctgtgaa	catggtgccc	ttcccccgcc	ttcattttctt	catggtgggc	420
tttgcaccac	tgaccagccg	aggggcccac	tcattccgcg	cagtctccgt	gcctgaattg	480
acccaacaga	tgttcgatcc	cagaaacatg	atggctgctg	ctaatttcca	caacggccgc	540
tttttgactt	gctccgcgat	cttccgtgga	aaagtctcga	cgaaggagggt	cgaagatcaa	600
atgcgtggcg	tccagactaa	gaacagcgga	tacttcggtg	aatggatccc	caacaatata	660
caaaccacgg	tctgctccgt	gcctcccagg	ggcctgaaga	tggcttcaac	cttcacgggt	720
aattcgacat	ccatccagga	attggtccag	cgtatcgcca	atcagttctc	tagcatgttc	780
cgtcgcaagg	cattcttgca	ctggtagacc	agcgagggtg	tggacgagat	ggaattcacg	840
gaagcggaaa	gcaacatgaa	cgatttggtg	tgggaatacc	agcaatacca	agaagcctct	900
atcgatgatg	aggaggacat	tggagagtat	ggtagggagg	aqatcgagga	gcagtagtta	960
tctcgtaact	attcgcgga	cgtttgggaa	ttgcaagacc	ctccctttat	cttattacat	1020
acttttgtaa	tgatagtga	naagttgctg	cccccccccc	nnnnnnnnnn	nnnnnnnnnn	1080
naaaattcct	tg					1092

<210> 5770

<211> 1396

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1396)

<223> n = A,T,C or G

<400> 5770

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caaggctcatg	aagttctcca	tctctcccgt	cgtgcagcgt	tccgttgagg	tcaagaacgc	120
cgcagatctt	cccaagcttg	tgcaggggtct	taagcgtctg	tccaagtccg	atccttgtgt	180
tctgaccatg	attaacgagt	ctggagagca	cgttggtgct	ggtgctgggtg	agttgcatct	240
tgagatttgc	ttgaaggatc	tgcaggaaga	tcacgcgcgt	gttccccctca	agatttccga	300
ccctgttgtc	tcttaccgtg	agtcgcgtct	tggcaagtc	agcatgactg	ctctctccaa	360
gtctcccaac	aagcacaacc	gtctctatgt	cactgccgag	ccaattgagg	aagaatgtgc	420
tcttgccatt	gaggccggca	agatcaaccc	cgtgacgat	ttcaagactc	gtgcccgctc	480
catggctgat	gactatggct	gggatgtcac	cgatgcccg	aagatctgga	ccttcggtec	540
cgacaccacc	ggtgccaaact	tgttggttga	ccagaccaag	gccgtccagt	accttaacga	600
aatcaaggat	tctgtcgtct	ctgggtttcca	gtgggctact	cgtgagggtc	ctggtgctga	660
ggagcccattg	cgtgctgtcc	gcttcaacat	tctcgatgtc	acccttcacg	ctgatgctat	720
ccaccgtggg	ggtgggtcga	tcateccccc	tgtctgctgt	gtcctgtacg	ccgtcagtt	780
gcttgacagc	cccagtcctc	tggagcctat	cttcaatggt	gaaatccagg	ttaacgagaa	840
cgtatgggtg	ggtatctacg	gtgtccttac	ccgtcgtcgt	ggtcacgttt	acgccgagga	900
gcagagaccc	ggtaccccta	tctacaccat	caaagcctac	ctccctgtca	acgagtcatt	960
cgggtttcacc	ggcgacctcc	gcgcggccac	cgggtggtcag	gccttccctc	agtcctgtct	1020
cgaccactgg	gcagttcttc	ctgggtgggtc	tctctttgat	gtcaccacta	agcctgggtca	1080
ggctgttact	gagatgctga	agcgcaagg	tctcaaggaa	gtggttctctg	gatacgaqaa	1140
cractacgac	aagctgtaaa	ctcgttgatt	gcaatactat	tcttatgaga	tgcagyaaca	1200
caatacagtg	tctatgctan	ggccgacacc	cgaaaattca	aaataaaagt	caacagctga	1260
atgtcgtatg	tggatctctcg	accactagaa	gtagaatcca	agagtgcata	tgctattgct	1320
tttcatcacc	tataggtaag	gttacgaaat	gccaaagtttt	ttacatgggt	tcaaaaaaaa	1380
aaaaaaaaaa	aaaatt					1396

<210> 5771

<211> 643

<212> DNA

<213> *Aspergillus oryzae*

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<220>
<221> misc_feature
<222> (1)...(643)
<223> n = A,T,C or G

<400> 5771
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tggtgtccac actacattca atccgcaaca atgcttttgc tccggtgcag ggccatgccc      120
tccgccctga ggacgtactc ctccccgatg tccatgtcga gatacctcac ccccaaaacc      180
tcaacaacaa cacctttcag taccctctcc tcaccaactcc gccccatgac caacttcacc      240
accaccatcc gtccccaact ccagacccta agcaacacac aacttccttc cgcagccacg      300
ccctccgccc aacagaccgc ctcttttcacc gccagtgcct ccctggccgg taagcgcgcg      360
acctacaatc cctcgcgacg ggtgcagaaa cggcgtcacg gattcttggc ccgggtgcgg      420
tcgcgtggag gaaggatgat cattttgcgg aggagggcga agggccgcaa gtcggtgagt      480
tqqttagacgg tctatggggc gtgtctgtta tctgtgtctg aacggatqqq aatgccttga      540
ttgtcgggtg ggtatatacc gtccgacaaac atgggggggtt tgatgarggg ttltgtgagc      600
tatttggttt tgggtctttt gtcgncatct gagggcttga ggc                                643

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<210> 5772
<211> 684
<212> DNA
<213> Aspergillus oryzae

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<220>
<221> misc_feature
<222> (1)...(684)
<223> n = A,T,C or G

<400> 5772
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cagttgagga cgactgacga cttgaacgac cgcacgattt ttcttttcaa ctacactatt      180
taccatattc ttcactgttt ggggtttcat cgacataatc aatcgaccgt ataccctcgt      240
ccgacaaaac ccgagtgaac aattccccca tgcccgcgcg tgcaatggac gccctgggag      300
ccttctccca cctcaccgat aattttaccca catggataaa ccgtatgtct gatctggcta      360
cccacaccgc cgcctaaacat gccgaatatg ccgaggcgta caagaagctc gccgtcacac      420
cgggggaaac cgtcgtcgcg aagaacagct ccgtgtgctc catccggacc gacgagttgc      480
ggaaatgcgt cacacnaatc gccgcccccg cagaagcacc gacccaaaga gaccccgaga      540
ccccccaccc gcctcccagg acctgtcgac cccggaccct aaccgcgcga agcgtggcac      600
ggacgaagcc ccgtccttag cctncgagga gacccccctt gtcatacgcg atacaaacta      660
atcatccatt acgaccggga gacn                                684

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<210> 5773
<211> 303
<212> DNA
<213> Aspergillus oryzae

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<220>
<221> misc_feature
<222> (1)...(303)
<223> n = A,T,C or G

<400> 5773
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taggcacaaa taagactgac agttatttcc ctatgatcct cacagtgtca ccctcgtcgg      120
agcaattcgc cgcactatg aacacactga agtacgggaa ccttgtaggt gttagccggg      180
gaaagaagaa gaggggtgac cggtcgaaaag tgaaccagtg aggacaaaaa cctgcacccg      240
gaccatctgg aatacagcga aggggtgcact attagaacca ttccatttgc gannaanaaa      300
ann                                303

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<210> 5774
 <211> 656
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5774
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 ctaaaccaac tcaaaatgtc cgtcgacgcc ttcttcgaaa acctgagctt cgcccagctc 120
 ggcgccaagt tctccgacct ccagtcggaa gcctccaaaa tcaacgtcga tctttctcaag 180
 gaggtctgta aggcgcgtct cgcgcggcgt gacgaaccca aggtcgatgg cctctcggct 240
 gatgcctga aggcgcgttt cgagttcgcg actaagctgg tcaagaagct gacaaaggag 300
 cctggtcaga ctgagatgct cactttctac aagtacttca aacaggccag aaacgagacc 360
 gttgctgagg ccggcatggt cgacttcgtc ggcaaggcca agtacaacgc ctggaaggag 420
 atcaaggcca tcagcgccca gaaggccag gctttgtaca tccaggcggg taacgaagcc 480
 atcaaacagt acggcaccag cgaataagtg ttgggcttga tttgtqttga actaaggagg 540
 aatgatgaat tggattttat gggcttgggt acgagttacg aatgatgcta gattactggc 600
 ttttgetgtc atctaatgc ttctagtcca tatacagatt ttgcttcatt tgaaaa 656

<210> 5775
 <211> 579
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1) ... (579)
 <223> n = A,T,C or G

<400> 5775
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 ttttaaggcc aggtgttaaa aagggtgaat tcacccaacc caagggtcct tctgaacccg 120
 taaacttggc caaaaaggaa cctgttctta aacttgttgc caaaagaacc acaacggccg 180
 ttaacccaaa aaaggttact gcaaccatta ctagaaaggc taaaaaggcc aaaaaggcca 240
 aaaagcttan aacaaccacc agaagaacgt ggcttattac tactaccaga aaagagtgtc 300
 ggcaacttaa cgcaaacacg cgaaaccttc gcaaagtatc cattagtgtc cccgccgttg 360
 tcaaccaacc caaggttacc ggcaacacaa actctggctg tgagaccaag acaagggaca 420
 accctgctga aagggccacc aagatgctac caagagcgct ctacgcaatg tctgcacaa 480
 catatTTTTG gagcgacatt tccgctttct aaaccgggnt tggngctttt ttaggttgaa 540
 aattttcccc gggttttaaa tttaaaacac aaaaaaac 579

<210> 5776
 <211> 658
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1) ... (658)
 <223> n = A,T,C or G

<400> 5776
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 tqatgaacac atcgattccc tcgagtgcct ctgtaagaga ttcttcaggg ccttttagat 180
 cgcattctgg gatttgcacg ccgcgatctt qaaqgggaaac gatggcgggc ttctgtaccg 240
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 tcgaaccacc agtttcaccc gctgctccga caagcaaaac ctttgttttc gacatggcgt 360
 ttcgacgggt ggcgagatca gttacgagaa aaaagtgtg gttgtgcgat aattgggttg 420
 gggggaaaact cgaatgattt gggaagtgg agaaatcaaa cggagtgcga anatgagcan 480

gggattttcc	gccgactggg	ctctttat	ctgtttcaag	attgectctc	tcccacgcag	540
gattganggt	cagtcgacgt	attagggcca	gcgtccacac	actaccacac	tgctttatca	600
nattgccccg	gtggggcgtc	agggatgtta	gctcccaaga	tagaaggctt	ttgtgctg	658

<210> 5777
 <211> 1083
 <212> DNA
 <213> Aspergillus oryzae

<400> 5777						
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aagcaatggg	tctttgtaaa	tctgcgtact	ggcaagtccc	aatgggaatc	ccctcaagga	240
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cgggcctggg	aaccgcgtct	cagtagatgg	tgcaaacgag	aagaaaaacc	tggtttctaa	360
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tgcccagtta	caggctgagg	aagatgcccc	cgctcgtgac	agtagaagcc	cgagacagca	480
agcacagcct	ggggctgcag	cagattacta	tacagaagcc	tcggcgaccgc	agtcagttgg	540
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aggctttctg	agcaagttga	tgggaaaatc	atcaagtggg	agtgtgcgca	atcatggaag	660
gccatcttgc	cagccgtcac	aaccatacgg	gtatccctca	ggcggatacg	gtggttatcc	720
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agcagcacia	ccagtgcgac	gtcatgggtg	cggtatggga	actgcggggc	ctgcagcttt	840
aggtgtaggt	ggtggtttga	tcgggggtgc	tttgttgcca	gaagctttgg	acgaccatca	900
tgactatgat	gattacggct	caggcgggta	tgatgacttt	gacgggtggc	acttcggcga	960
tttttaatgt	taccacgttt	ctgcatgata	gccccgtgtg	aactatccgt	cagcgagttc	1020
ttatgtttcg	gcctcttccc	cccttccctg	attagttccc	ccccgggccc	cccaactcta	1080
tta						1083

<210> 5778
 <211> 668
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(668)
 <223> n = A,T,C or G

<400> 5778						
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ctctcggttg	aagtctccgg	agtatccgtc	agtcatagag	tcacgagatt	gaatcgcttt	180
gtctttcgct	tcctgccttc	cggaccttcg	gategagact	acttggattg	atttcatccc	240
gcatcaccgg	cccaccatgc	gagtctcgag	tctttcgttc	ctcttatact	ctttgtccct	300
gttagccgct	gtctccggtc	agagcgtagc	ggctaagggg	ggagatgtcg	ctacctctaa	360
ggatgcgcga	cctaccaaga	ctgatgctac	cacaacatcc	acatcgctct	catcatcaac	420
ttcttcgact	tcgtccgaat	ctacagaaag	cacttcgaca	actagtgaga	ccaagccaac	480
gaccaccaag	gctgaaccca	caacaacatc	ggatccagac	tcgtcaactt	ccaacacaga	540
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tacaactgat	agcaacaaca	acaacgacaa	caactcccaa	actacagcag	acaacagctc	660
ganaacta						668

<210> 5779
 <211> 662
 <212> DNA
 <213> Aspergillus oryzae

<400> 5779

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ctgagcacca	gggaagtcca	ctttttgaag	tgcacgtag	acgccttgat	ccatgcgggt	180
gcgaatggac	attgcctaaa	caactacttc	tgcgtgcgga	tgcccaatct	aggatcaact	240
cgcttcctca	ccgagctggc	gctctcgaga	ggcgttcccc	tacactacgt	ttcttctaac	300
cggttgacgt	tactctccgg	cgatgtcgcg	ctccctccgg	ggtcaatgtc	ggcattcccc	360
ccgcccagaga	ctggcagcga	tggttttact	gcgtcgaaat	gggccagcga	gcgatatactg	420
ggagaacggt	gccgatgcga	cgggggttaga	tgtgtgcata	caccgacctt	gtgcgctgac	480
aggcgaccaa	gcgcccagcg	aggatgcctt	gaatgcgata	ctgcggtttt	ctgtgctgat	540
gaaagtcgta	ccacagtttc	ccaatgtaag	aggattcttt	gattttgaaa	aggtgggagt	600
tgtgggaacc	aacattgtga	aagaatgctt	tgcaaattgt	gcaggtaaac	caggggtcat	660
gt						662

<210> 5780

<211> 687

<212> DNA

<213> *Aspergillus oryzae*

<400> 5780

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ctcggccgac	ttctacgtcc	ctgcaagtgc	aaaggatctt	cacgatatgt	ccacgaggggt	180
tgtctccaat	catggcgaca	tgcggaccgg	ggctatagca	agagaaattt	ttggcattgc	240
ccaacttgtg	gctttcaata	tgggttagaa	cgtctcacat	gggcgcgttg	gatcagtagt	300
acttccgcgc	agctaggatt	gactttgttg	atattgatgt	tactgtttt	tatgcttgggt	360
tttgttgctg	acccaataat	taacctgtac	atcaacctta	tggaaaccat	catctactct	420
gaattttggg	atcccagtac	cgtgtctagc	gtcttgccga	ctgagaagca	ggcttcatgg	480
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gtcgccatgt	caccttgcca	gtggtggcat	gttcgtccaa	gtggctgggt	cagtagtggc	600
aggaccacag	gcagaagccg	agtagcgta	atcacttggg	ttgtcatcct	ggttggcggt	660
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<210> 5781

<211> 791

<212> DNA

<213> *Aspergillus oryzae*

<400> 5781

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atacctacaa	ctttccctcg	acccccgaaa	acaatgtctga	caccttcgag	aaagaccccc	180
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cagccgcgct	ggccggcctg	tccatcagcc	agaaagaata	catctcagac	tgcgacgagg	360
ccttgccccc	ttcaagcggc	aacggcgcca	acggcgaccc	gaccttcctc	gccctcgaag	420
tcgaaaccac	cttcgcgaac	accgctgaag	gctctaaccat	cagcatcacc	ctcgactggg	480
gggaccactt	gaacgagacc	gagccgctct	ggcccggttt	cccgtcagc	cctgcgggtc	540
tcccccgct	tactctcttc	gggtacgtcg	agtccttccc	gtccctctgc	ccggaggaca	600
cggaggcggc	tcttcgggtc	tgtatatctta	aagctcacc	cgatgcgccg	gtgtggctgc	660
cggagcggcc	gggtctcccg	cataggagcc	actgggtccg	catgggtgtc	actcacattt	720
attggattgg	tggcttcggc	ggggttccaa	gcattgggtg	gatgaatgtg	actgaatgga	780
agggatttcg	c					791

<210> 5782

<211> 335

<212> DNA

<213> *Aspergillus oryzae*

<400> 5782

ctcgttattc	attgtcgact	ggctaaatgc	gcaaggcaact	cagacggtat	acctggccct	60
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gcttcggatg	tggaacgctc	ggaaacgcct	gatggagcaa	tggtagacac	ggtgctcgcc	180
ggtcgtattc	ctttcgccct	tgatgagtta	tgattggaca	tatgtgagcg	ttgaagtaca	240
tatgcattgt	tacgtccctg	cgtcgtcatg	atgtacaata	tagatggcga	gctagtatat	300
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<210> 5783

<211> 659

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(659)

<223> n = A,T,C or G

<400> 5783

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tggtctgttg	actcccgtta	ctctccccta	aactccaaca	accccgacaa	gctcggtgcc	180
ttcgtcaatg	cgcgcacaaa	ggagagaatt	cgctatgata	ccttaaagga	atacacgacc	240
catgtttcta	ctgctcttgt	gcgcaactat	ggcctccaac	ccggcgatac	cgttgccttc	300
ttcagtcoga	acacgatttg	gtatccagtc	gccatgttag	cggtctgtcg	tgccggtgct	360
ataatatctg	gcgcattccc	tgcttacaat	atcgaagaaa	tgacctatgc	cctcaanact	420
ggtaatgcca	aatttcttaa	tgacgtccnc	tgcggtatgg	acgttgcggt	tcccgcagct	480
cggaagctg	gcattccctac	tgagcggatc	ttccttctcg	anggcgaaag	ggcgagtata	540
tatccgttca	agatctcgnt	tcgaaaagga	gagctatgga	cccactggac	agacgacacc	600
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<210> 5784

<211> 669

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(669)

<223> n = A,T,C or G

<400> 5784

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cgtcaatcgg	tgatcccggg	cccttcgcga	atggtctaa	tcggtctaaa	atgcgtcgca	180
atcggatttg	gcctttccca	cccgccgcga	ccggttatcg	ttcatcgccg	aaggtacctat	240
ttattgcggc	ttcttgccct	gggcgcgcga	ggtcaggcgg	cccaggtcag	tactctcata	300
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ctggtgcgaa	accgaagcat	ccacacgggc	ggtgaaatga	cgcacggcct	gctgaacaaa	420
cgagctcttg	gtgtatctcg	cgcggaanaa	ggccacgtag	ataaagaaga	gaagaatgct	480
ttcctttggag	aagggtcaaaa	ctcccagggc	caggcggaac	agcagcgcca	tctcgagccc	540
agcgacgaga	accatgctgg	catcggaata	ctgcttgaca	aaattttcaa	tqqqqtctgc	600
caaaaggaatg	gcaagcggct	ttggaacacc	cagaaaaggg	gggcgacggc	gattccgcgc	660
cctgpgcgg						669

<210> 5785

<211> 305

<212> DNA

<213> Aspergillus oryzae

<400> 5785

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gggaaagcgc	acagttcgct	agcgttgttc	gtagtggtct	acgttaccgg	gtgctgaaac	180
gggtgcagga	agaaatgaca	agggatgagt	tagcgaagaa	aaagaccttg	cttgattctc	240
tggaacggag	cgagttggaa	gcaaagcgta	ttgaacagta	cctgaatcgg	acgtcagctc	300
aagga						305

<210> 5786

<211> 572

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(572)

<223> n = A,T,C or G

<400> 5786

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cccctcgccg	gagttatcca	cccgtagatg	agtacgaccg	gagattccct	ccacctcggt	180
gctacagtcc	ccgtgctcat	taccgggagc	gttccccaat	tccaatgcgc	cgggattatt	240
atgacagtga	tggtatgga	cgccgtactc	ctcctcgctc	tcgtattgat	gattatccac	300
ctccacgtcg	accctatgat	gacccttatg	atgtccgtcc	gccgccgccc	ccgcctcggt	360
atgaagatcc	ttatatgcca	ccaaggccat	acggacgccc	tcgaagtccc	ccccgggggtg	420
aatatgtgcc	ctatgacgcg	cgtgggttact	gaaaccccc	cgaaaatcaa	aggaaaaggt	480
atgcgacgac	agtctagtca	ctgtctatct	tagcgcgccc	cacgctttcg	gcgagatgtg	540
tacaatttcc	ttgtggntgg	ccaccgctgc	cn			572

<210> 5787

<211> 1454

<212> DNA

<213> *Aspergillus oryzae*

<400> 5787

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cttgcttttg	cgaatgggat	cgacgcccgc	gacaccatct	ctcgcgatgt	aatcatcctt	120
ggtggtggca	gttcgggaac	atatgcccg	attcgtctta	gggatcaagg	caagaccgtc	180
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ngaattccag	agccggtgcc	agaggacctc	atcagtcctg	tcgcggactt	cgtgaagaag	540
taccatctcg	aggatgccgt	gtacgctctc	ttctctcaca	catctggcga	tgtcctggaa	600
atgattaccc	tctacgtcat	tcagtacatc	ggagttcccc	atgccgctgc	cttgaatgag	660
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<210> 5788
 <211> 658
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(658)
 <223> n = A,T,C or G

<400> 5788
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 atatcttgat caatgggttg tccgtcgtaa aggcctcgcg tatgggatta tgtgggctgc 180
 caaaagcacc tgcggtgtag tctcctcttt tctagccagc gctgtctctg aacgttttgg 240
 auctgagaacc accttgagag cctggacagt cactacggtc agtaccatct tcacgcacaa 300
 tctatntaat ggcaagacaa ttgcgaaacc aggcatactc tcgcaatgcc tctatcccca 360
 gtatggctgt gcccctaagt cctcttcttt acgtggcttt cctagtgtct ctttatttcc 420
 gccatgatca tccgggtact gagatagccg catagcttgc cggcatgtta ctgccttgna 480
 ataagtttat acaccagca taaagccacg catatatctt caactccagg caaccagcag 540
 gccctaattg tttnggctcg ttgaaaacat accccacatt ctttcagcgc ttgggcgcgc 600
 agcaaccgac tgatttttcc aagtactttt atctttggag gtttggcctt ccgataac 658

<210> 5789
 <211> 589
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5789
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 tgcctctagt ttcggttggc cccatataag cctgctgatg gcattaagaa taagcggctc 180
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 gcattattca cgttgcctct ctatatcggt tatttccatt gatcttctgc cctttacctc 300
 tacgccaatg gatggaagct ccagaccact accccaaacc gcgcagcgta aacgtcgcgc 360
 cccagtctta gctgcgcgac gatgtcggag acgaaagatt cggtgcgacc gtaaggctcc 420
 ctgcagtcac tgtcttagga ccgggtatgc cagcacatgt acatacctgg ccaactcgaa 480
 ttctctatct cccgaagagg acctgccagg gctcgacacc acagattctg ccatggacat 540
 ggctacttca catccaaacc acgggcacga ccgcgtgcc actgacaat 589

<210> 5790
 <211> 620
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5790
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 gcattccatt cccaccttaa ggaccaacac cgatgtctct atccgcataa cccacgtgtc 180
 ctatcacccc ggcaacaaca taatgatgaa ttatgtccca tccatcttct gaaacacacc 240
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 gacccccagc ccagacaatg agcaccgggt ctctccgcgc ggaacgcgcg tattcggatc 360
 cattccgggtc gggcaacatc taaaagggtc cggagccttg gcagaatata tggtttgtga 420
 catgaattgc atagcccgc aaccagccaa tgtctccttc gcgcctgtct cgggtttacc 480
 cgtttcggggc aacactgccc taacactcat gcatcggcgc gatatacgtc ccgctgatgc 540
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<210> 5791
 <211> 704

<212> DNA

<213> *Aspergillus oryzae*

<400> 5791

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ccccagggat	actaccctcc	cccgggcggc	caatatcctc	ctccccagcc	catgcagtac	180
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ttacgcgaat	attttcgacg	tgatggtttg	atgtttacct	tcttaatgct	ctgcagcttt	420
ctttattttac	ctatacattt	ccatgttacc	aatatattga	tcatgtgact	ttagactggg	480
tcctttttctt	tggtatgact	aatgcagaa	tccttttctg	tgatgaaaat	agtggttagg	540
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gcacgcaggt	tatatgatct	ttgttgacga	ccatcgatgat	gtctatagtc	actataattgc	660
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<210> 5792

<211> 673

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(673)

<223> n = A,T,C or G

<400> 5792

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agaataaacc	tgggggttaa	gtgggcataa	ttcagacact	gactcagcga	gtggagtctg	180
tagaggctca	atttgaagca	ctaagcgccc	agaatcaggc	tgtagtggt	attccaagtc	240
ctgcaagcac	cgttcaggat	gtgaacgcgc	tccgaaactt	ggtttcatcc	ctgatggagg	300
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ggccatgtcc	agaccccggg	agctctgttg	attacacaag	tcaagtggan	ctgcctccag	480
ataagcta	caatgggatt	ctggatgc	atttttcgg	cgttcatccg	ttcatcccaa	540
tgtccatgat	gccaattttg	caatctcgcc	tgcgtgatcc	agctgaaagg	ctgaagctaa	600
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<210> 5793

<211> 1292

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1292)

<223> n = A,T,C or G

<400> 5793

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tgcacacagg	aatcaactca	caacgcggaa	ttctcttagga	ccttaaagac	ttccacagtg	180
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aatttgagac	tgcgaacgat	ctgaagactg	ccattgagaa	gctcgatggg	cgtgatttca	300
aagggtcccg	agtgaagtgc	gtggcagata	ttcagcctgt	tgatgagcgc	cctttccggtg	360
atccctaccg	gtctcggtcc	cctcgccgga	gttatccacc	cgtagatgag	tacgacccga	420
gattccctcc	acctcggggc	tacagtcccc	gtgctcatta	ccgggagcgt	cccccaattc	480

caatgcgcgcg	ggattattat	gaccgtgatg	gctatggacg	cgtactcct	cctcgccctc	540
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aggaatcggg	tgtgatccaa	gcccaccctc	atttcccgga	atggacgcac	cgaagatgcg	900
acgtgcctgt	tgtcgaaaaa	tttccgttta	ttgcttgaca	tgaggacaat	ttctgaggcc	960
cttgagcact	tactagaaac	ccccccgaaa	atcaaaggaa	aagggtatgcg	acgacagtct	1020
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ggttgggcan	cgttgcccg	ggtgtgtgtg	atagggcccg	cttttcgttc	ttgcacatac	1140
agaattccct	gatatgatat	gacatggacc	catttacgac	gatattgtac	ggtgaccaag	1200
caagtcctatc	gcttgtttac	tctacnngga	gggtctggat	gtatattaat	taggattact	1260
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<210> 5794

<211> 679

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (679)

<223> n = A,T,C or G

<400> 5794

tgcgagtcta	gtactgtcgc	cattcgcctc	acttgccagt	taatttgtca	actaaaactgg	60
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cgcagttgga	cgccttccaa	gatttccctca	cgcacttcat	aacattcgaa	tcagcttcta	180
catccgctgc	gactgaggct	attgaagact	tacatgattg	tcgggttgac	tcgcacgcac	240
gcgtactgag	gtattgaaat	tttactggta	tcatagctgg	ttccatgagt	gatggagtcc	300
accagagagt	gatcatggcg	aaagctgcgc	tagccaatac	tgtagtatat	gcagatgctc	360
cacgatgtgg	cagatcacta	gcgcattaca	tatcttaatt	gagcttgatg	nactatctac	420
cttcgagaaa	tccttcccg	aggacacaga	ccttaagctt	gttgaatccg	tcgagaagaa	480
tacaaagcgc	tatgtttgat	gttctctcac	aggctgccga	tgctgtcatg	cncaaggaaa	540
ccaaggagat	cacattcaag	gatgatgtac	ttgatgttat	catgtcacag	cgtgaaaagc	600
ggaacgaggc	catgactatg	tgcattggnag	gcgacatgga	cccaacggca	gcggcctcga	660
tcttcccccc	tgagttaac					679

<210> 5795

<211> 847

<212> DNA

<213> *Aspergillus oryzae*

<400> 5795

gcttagagac	tggttageta	acaaaaatat	tccttctagc	ttcaagaaat	tcgcgcgacc	60
ctcgagaaag	ctgcttctat	ccctgaacca	tctgtcgata	tcgcacaatt	catggccttt	120
ccaccagagg	acattgccaa	ttctgatgac	aacaagggtgc	cagctctggt	gatctacgoc	180
ctgaatatat	tctcgaaatc	tttaattctcg	tctctgatca	cggaaagcctc	tatcaatccc	240
ggcgaagcag	agccagtggg	catcgtatgt	gcggaagatc	tctccacgga	cgcctttatc	300
tataaaaggtc	atcatatggt	tgacatactc	tgggocaaat	atcgtgtcgt	ctgtccggcg	360
ctctggggat	tctacggcaa	cgaaaagacc	gaagcgggta	ggcgtgcctt	aggatgggtg	420
cgagaagcac	caggaggctc	tttcatcagt	gaacagggtcc	atatggaccg	aatgacagct	480
cttgggtgctg	ggtttgcggc	gctcaccctg	cgcatttttg	gaaagaccoc	anggaagaat	540
ccatttccca	accacatggt	ttggcttgcg	atgcacaaaa	ttttgatgat	tcccccgagc	600
gagattcagg	agacacacgt	tatcctgctt	tgggoccatgc	tcaaatcttc	tgctgaaagg	660
atcgtcggct	tcttttggtca	tatcggctctg	gcattaatga	ggaaggccat	agtcgatgta	720
ccaagcagcg	tgcctcgtea	gagtatgggc	gttaatcaac	tgaaacttct	gaaagacctc	780
tacaagcgag	agaagaacat	aatttatctga	gagatctgtg	gcgggaaaca	gttctctgtag	840
gtggaagc						847

<210> 5796
 <211> 784
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5796
 ggaccattcc ccattacacg cgtgactgct ggcatagtgt gtgctaccca tgcgatattt 60
 aatattttacc atagctagca gcaaccaacc tagcaagagc ccactgatcg tataccgtca 120
 tacctaatat tcatgaatgg tgaccttcgt gtcataatagg ccattaagga atctcgattt 180
 gtttcgggtga gcggtgttgac acctggaaca tagacgatca tttttacaat gacgcgctct 240
 cacaaaagtaa acgatcgtga ccaactccgta cttcatgatg gaatagctgt atcccaagag 300
 aatcttctct gctactttgc aaaatctggc ccggttgatg ctgatccccg gaagacaaaa 360
 aaagatggcg ggggaaaagg aaactggggc caaccggcg acgaagtcta tgactataat 420
 tgcaaaactca caaacgctcg gcgctattcc aatagtagca ctcaaggatt agcggattat 480
 aaaaccaagt ttgagacgat tgagccagag cctgtgttcg aggaaagctt ccattggtgtg 540
 cnaaatgaag aaagacctgt ggatggaaac aaagtgttca aggttgacgg agccactagc 600
 ctcggttaaga cactgggtata gcagggtcat ggactgtgtc ccattatgagc gctgggactg 660
 ctgtaactat tttcatcgaa gcctgatagt gcgtgggaga attcaaactc ggtgtcaacg 720
 agagcagatt atggattcag aatgtcttat cttagtatgt gatggatgat taaattaaca 780
 gact 784

<210> 5797
 <211> 1041
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5797
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 ctctctgctcg ctctgagcac tcagctcttg gctgtgagcg ctgctccagt ctcgagtgc 120
 tccacctctg aggtcagcca gccacgccc cctgcccggg ttgctcagta tggcaactat 180
 ggagactatg gcaagtagcg caactacgct tcttacggca catacaagag agatgatgtc 240
 cctgaggggtg acggcggaaga tactgagcct tccaccacga ctctgcctac cgaaacccct 300
 acccaaactc ctatcaacta tggcaactac ggcaactacg gcaagtagcg acagtatggc 360
 tccatggggg cgtacaacct cgagaagaga gacgacagca gctccacgac cacctctct 420
 actacctcca caccactga aacacctatc agctacggaa actatggcga ctacgggaac 480
 tacgggtggct acggctctta cgggtcgtac aagcgggacg aggtccccga acctgaagag 540
 agcacgacta ctaccacatc ttcgacccct actagtacct ctgtgaacta cgggagctac 600
 ggtaactacg gccagtatgg ctcttacgga agctattccg aagctgctgt cgtcaagaa 660
 taagctaaga gtgacgggtt tgaccatgta acacggctcg acttatgtgt aacgaggcaa 720
 cagccactat gaacgaaatg taccgaatga tgacttccag cccatggctg ccaaggctgt 780
 cagcatgaat tgaaaacgtg agactgccag gggggagttc agcaagggat gtgttacgt 840
 tatttgtgna atcagtaagg atggccgttg gaaaggatgg attggatggg aacacttcac 900
 gtggaogaat gataatgctt attgaacatt cttatcttgg gtcataatgt actagttaat 960
 taaaatagca taaatatgtt gtgatttctg tgtgctgccc aaaaaaaaaa aaaaaaaaaa 1020
 tctctgcccg gcgaattctt c 1041

<210> 5798
 <211> 688
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5798
 ggattttctc cgtttccacg attcctctca gggggaggag ttttgtcgcc aatttgtctc 60
 aacattgaag gaatatgcat ttgccaaact gatcaatcac gggatttcct gtgcacagat 120
 tgacctggcg tttgcagcag ccgcccgttt ttctcaatca ccccttggaa aaaaqttaaa 180
 atcacctcat cctgccaccg cgcattccaca ccgaggtctc agtcgggtcg ggctggagaa 240
 cattggagct gtctccgact atggcagcgc agctgggtct ccttacctca aagacatgaa 300
 ggaatcctac gacattggat ccgagtatga cccactttac aagaacatct ggccacccaa 360
 gggagtgat gatgcattcc aaccgacctt cactgcattc ttcaaagccg gcttttcgcg 420

caattaacca	tcttgaatgc	gctgtcattc	gactaggtct	acctgagcat	aagcttggac	480
agctccacgc	agaccagacc	aatgagctgc	gcacacgcga	ctttcctgcg	gtcgcccag	540
gggaatttgc	gcattcgaca	cgtatcggtg	cccacactga	ctttggacga	tcacccttgt	600
ttttcaagac	gccgtcggag	gattacaaat	ggagtgttca	ccgcattatg	ggcagttccc	660
ggacattcga	aattgtaggc	ccttacct				688

<210> 5799

<211> 526

<212> DNA

<213> *Aspergillus oryzae*

<400> 5799

cgagggtttc	cgtttctctt	ttataaatat	ggcccggcga	ttaggacgcg	atgcaagtat	60
gcagcgcaat	ctgatgcttt	tatgaagaag	ttgatggaac	aaactcgcga	tgttcctgac	120
gagacagata	ctgagaagaa	gtccgagaac	aatgctacag	aaggggttgaa	ggaggtggat	180
gacactgtgt	ctgagcccaac	cccagcaagc	tgcgaactgg	atgatctccc	gtctgcctcc	240
aagtatgacc	gaagaaagtc	tatagcatca	caggcgtcac	gcgggtctga	gggggtaaat	300
tctcagactg	tgtatgatgc	taaccgcgtac	gacattgata	gagtcaacac	ccgggagtc	360
ttcaaataga	gaccatccct	ctattcttgc	atcacggctg	agtgtatcct	gtattgtgat	420
ccgttgatgg	atccggagca	tgcctttct	gattaccgat	tccctcaaaa	ataccctata	480
gatagtagtt	agtttgtaat	ttctatagaa	ttcactgata	aaagct		526

<210> 5800

<211> 982

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(982)

<223> n = A,T,C or G

<400> 5800

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aagctctgtc	tgtccttcc	ttcgagatcg	aatctcgtcc	ttctttttta	ccacctacat	180
caaaaaagtt	acatccttgc	gtctgtagaa	cagaccagtc	caatctcttg	acttcaaaaa	240
ctcagaaaaac	tttcacaacc	aacacaatct	catcacagtc	tttttcttcc	ttttccaaaa	300
agaccccccac	attcaaaaatg	atgttcacca	agactatcac	tttgcccgct	cttgccagcc	360
tgcgtgctgc	tctccccact	gccaaccttg	tcaagcgcag	cgccgggtgc	aacattgtca	420
acaacctggg	tgaaaccgtt	tacgcgtggt	ctgtttctga	tagagtcagt	aacatgcata	480
ccctttctgc	gaacgggtggc	aactaccagg	aatcctggca	aaccaacgac	aacgggtggtg	540
gcctctccat	caagttgtcc	aacacccagg	agcagtccaa	cgtgctccag	ttcgagtaca	600
ctcagtcagg	tgacaaccatc	tactggggaca	tgagctgcat	cgacctcagc	ggggacaacg	660
tcttcaccaa	gtacgggtttc	tccgtgactc	ctccagcac	ctccgacaac	tgtccctctg	720
tcaactgtgc	tgccggcgac	actgcctgcg	ccgaggctta	cctcaagccc	aacgatgacc	780
acgctactca	cggtgcctcc	attgacacct	tcttcagttg	cagcattggg	cgctaagcat	840
cncttctctc	tctctcttct	tttacttgag	ataagaagat	gacttgacta	cactcatttt	900
ggtacattga	ttgctattgc	tactgctttt	ggccaaaagt	gaatgaattc	cttaccaatg	960
ggacacatga	atcccaagac	ga				982

<210> 5801

<211> 422

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(422)

<223> n = A,T,C or G


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<400> 5801
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tgaatacctt cgatcagctt ctccggacga aactggaccc tcgcgtcaag gactgggttg      120
cgcgcggtcg caaggcgggc gcgtctgcgc tagaggataa atcggggctg gcggaggcgg      180
agctggcgga attgtgggat tgggcacccg tggaggcgaa tcatgaggcg aggcggagga      240
actgggggtg gaatttttac ctccaggaga gggagatggt ggtgcagaat gttgtgactg      300
tgttgacgac ggtgttgga gattagggga gtgagagtga ggatgaggag gaaggggagg      360
aggatgagat ggagaatgng ggtgttatag gttcncgaat cgtgctgctt tctgatacct      420
an                                                                422

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<210> 5802

<211> 688

<212> DNA

<213> *Aspergillus oryzae*

<120>

<221> misc_feature

<222> (1)...(688)

<223> n = A,T,C or G

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<400> 5802
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atcgtcaaac ttcttgettta catttaaggt ataattctga gctgacgttt accgaccata      120
tcaacgcgag aggtctctgt caccctcgct tcgttcgcgc agccctcgac gtagccgtcg      180
ctcttattcg cctcggagtc gctctcggag tcgtgacgat tatcgccgca gtgaacgcgc      240
ttcccgttcg cctatgagtg ctgcaccagg tgccctctga ggacattctg gttctggtta      300
cgggtggacgc agcagctacc cgccgcctcc gagatcgttt gaggaccgcg ctgtcgccaa      360
agaacaaatg atgcaagcag tgcgcgagtc ttcccagcaa gaccgtcggg tctatgtggg      420
aaacctcttc tacgatgtca agtggcacca cttgaaagat tttatgagac aggcctgggtga      480
ggtcatcttt tgcgacgtct tattacttcc ccatggaatg tcaaagggat gcgggattgt      540
ggaatacgca acgaaggagc aagcgcaaaa tgcggtcaca cgctcaacaa ccaaaccctt      600
atggctgtct agtctacctt cgcgaggacc gtgaaccccc accttgtttt accggtggcc      660
cttttgttgg ggatttcggc ggtggtgg                                     688

```

<210> 5803

<211> 693

<212> DNA

<213> *Aspergillus oryzae*

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<400> 5803
ctttcagcag cagcttcagt gctgctatca gtggtggctt tgcggggccaa tgcgttgagt      60
ngaaactctc caaggacgac gagacgtccc cggagatctc gtccggcagc gataagacct      120
tctccatcag caagcttcac ctggtgaccg ccgaggaggc tgatatcaag atcatctatg      180
acatgcccga tggttcttcc tgcaagcatg tcgtccctg ctctccgaag ggaactgttg      240
tcaccaacga ccagtgcggt ggtgccagct ccgtccggtt tgaactcgca gaggaggcgc      300
ccgtggatgc cgtagtcttc ggtatccaga atgtcgagtt tgagtgtctc cctggccaga      360
agacccccaa cccctctcat caccacacga gcccgactgc gactggacac tcgtctactc      420
cagtgattcc agtaccgtcg tcttccaatg cagtcacgcc tccggctcct agcaactccc      480
tcaggatgac tacctcgacg gtgtttctac aagcctgata accatctcga gctgtgcttc      540
cacgtttacc aactgccttg gagaatcgac cacttgtgtc actttcacca atgctggttc      600
gaccactgtc ttgcccgtca cctttactga aacttctggg aagcctactg agacttctgt      660
gaagcctacc gaaccccggg gacgctctct gat                                     693

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<210> 5804

<211> 1050

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature
 <222> (1)...(1050)
 <223> n = A,T,C or G

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<400> 5804
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tacattcctc tctggacacc ttggtgttgg tctcgatgtc gacatcaggg ctgggtcttgg      120
cctctgtgct ggcggtgggt ttgtcgctga cctggccgcg gatgttaagg ctgccctgaa      180
ggcttggctc tctggctcgg agtgcacctt gagccattcg ttgaaggctc ctggtctggc      240
ctgggtggag ggtaaggctg aaaccgggtg tgtctccatt ggctctgttc cttctgggtg      300
tttggcgact atctccgctg gtgctgctat tggcagcctc attgaagagt ctggaattct      360
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cagcgttgaa gtcggtaccg ctttggctat ctggctctct ggctccagct gccgtcttgg      540
tgccgaactc aagtctgttg ttctattctg gcttaccttc gctgttctg ccgatgttgc      600
ggttgatgtg agcggtgggt ttctcactga tatcacttc tctctcaccg gaactgtcga      660
cacccttata ggcacaaaac ttggtgggtt gatctctgtt ctcactctct ggagagagct      720
tgtctccatc tccctcgacg ctgctgctca gctcgctgcc gtctgcggtg gtgctgctgg      780
tattgagatt gacacccaga ttatcctcgt cattattcag tggctctctg gctgcgacac      840
cggtcttggc gccacatcc gccccctac ttccggctcc gttgttcta gcattcccgc      900
ttctacgctt gttgctctc cccctgctgc ctcaacgcc cttgtgccga ctctgtccc      960
caccagtgcg ggtgccactg gcagtgaagt tccctcggtc ccgcttgctc tgetactacc      1020
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<210> 5805
 <211> 636
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5805
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agtcggctcc ccttaacgtg cgccttcgcg cgctacgtcc gactctctct cctcgcgat      120
cgaactccctc tttcagtttt aaccatctgt gcatgcgcgg tgatgtatgc acgctcgaga      180
gtcctttctc gccggtctga tatggcacga gtcccggaac tagtagccac cagctcgat      240
cgccttgcca cacaagccgc tttgcatgcc cgtggcgaag ccgctgaacc ttatatcca      300
attggacaac tgcgcgacga cgtccttcga tccgaattgc gtggcagtcg acgtgaagaa      360
ctatggcgac ggggttcgcag tgtcgttgaa gggaatgcc aatttcgagc tgcgctgcca      420
gacggtcgtg gtggtgacgt tgcctcgcgt tgggaatgga ttggcggcat cggcagtggt      480
cgtggagata ttgaatgata cgcgacacgg ccgcgcgaca gcagcaacct gcatttctgc      540
ggctcacctc atgaacaaag ccgtcagttg atggccagcc atgcccattc tccagattca      600
gcagaagctc gtcgatggga cgaaggagg cctatt                                     636
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<210> 5806
 <211> 667
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5806
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ctaccaaaagt cgcattgctc cggaggatcg taccgggtgag agctcaccac aactgcaggc      120
gaaccagcaa caggctcaga ccccgccggc cgggtggcagc gccagtgctg tttctatgat      180
ggctacggga ggcgaccacc cgggcgctgg ttacgttggc gcatgacggg atcaactgac      240
taacctgat ggacgacctc tctttgtctc actaagcacc ctctcgagca gaaagctgtt      300
tccgctacat cagtactact ttacttcgat actagcagat attgacttca tcaagctcta      360
gattgggtgn ccttcattgta ctgtatagat tacactatct ttacagcat cactctcttc      420
cgcgacctca gttcctgtac tgaacgagat ctatacatha ggtcactcga tgtttctctt      480
atacgtcata ctgttcacgt tatcacgact tctgtcttac cacttcacgc ttgtatgaaa      540
gaactatgtc accgatggc tgtgatata cgaagatac ttgcgtcttc atctcatata      600
catgacgagc agacttctat atgatcatta tcttactctc atcatcatgt atccccctcc      660
ctcgacc
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<210> 5807
 <211> 630
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(630)
 <223> n = A,T,C or G

<400> 5807
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 cagctccac tagagcaggt tgataacgcg actgcacccc tcagtgcctc cccaacgctg 120
 catctgatca acctcaacac cttgactctc gactccccgg cctatcctc ggacatccag 180
 tcccatagct acgcctacat taacgatctg atctctcatc gattgtaccc cgtggaagac 240
 cgcacgacat ttactctcct ttgacccac ctcccccctac acaagaagga ggglatatgt 300
 accgacgggt cttacttcac attccatgaa tcagacgacg aggatggccc cgacgatgtg 360
 ccgcgcttca aggaaggagg attgaaagaa caaaaccatc tcagcgacca catcagcagc 420
 agcggagtgc tccagaggat ttccggcatga caggagacga aagcggcccc gcggaggaag 480
 agacnngatg actcattcta caggcacgac acacagggtg aacgtgggca cttgtgaacc 540
 gactatagat acacaccgcg agactcgaac acgagttgaa tggaccanaa cctcgatacg 600
 ctgcgatact tacgcgcgat taagagtatn 630

<210> 5808
 <211> 640
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5808
 ggggttttat ggaacgatttt gttttagtgc tctattgccg tataagcggc ttacttgcctc 60
 taaacctgt ctgggtagt tttgcggcga cggttttcgg agcatgagtc tctcacacac 120
 ctgatctagt ggatattagt taattaggaa tcacctacct tcaaacctag agtgcgctgt 180
 atccatgtca cagccatggg attacatcgc taagctagtt tgaattgggtg actctggaac 240
 tggaaagtct aacttgacta ttccgctttg cgaaggacgc ttttcatctt tccacgatgt 300
 gaactattgg tgtggagttt ggatcgcgta ttgttccaac tggaccacct gcttcacagg 360
 cccttaattt aaaattaaac accaactctc acaaccgttc ggttcgtcgc cagttacttc 420
 agaatacctt aatgaaccca gtcgtttcgg gtttacctaa ccttcaccga aaaagggtgg 480
 atctctaaaa agaaggaggt atcactatgg ggaaccgcag ggcgggaaac gtcaaactct 540
 tccaccggtt ttttttaaag gggctctggg gcttggttgt gtgcaatttt actaaacct 600
 ttaagttatc ttccagcccc taaaggactc ggatggtttg 640

<210> 5809
 <211> 977
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(977)
 <223> n = A,T,C or G

<400> 5809
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 tgaagctcaa cctcattggt ctgactcttc tggctgcctt gacgcgggac cagtgcagtc 180
 actctacgtc ggactctgcc accggcacca ctggtgctcc ttccggcgacl gtcagcttgt 240
 ctcccaaca gtcctgcgct aagaagtgcg acgcaacga tctgtgctgc attgctggat 300
 gcttcagagg cccctgcccc aacgattctc aggctaacga caccaacact tgcgtgcgag 360
 cctgccccca gggcagtggc accccatctg acactgagcg ctacgcgcgc tgccagagct 420

cctgctacag	cagccacttc	ttccclatca	ctgccacggg	taactctgga	gcctccaaga	480
cctctgccag	caactctgac	gccaccacca	cgggtactgg	caaggacagc	tcttccactg	540
gttccagcga	atcctccggc	teccgttctt	cgggctccaa	gtcttctggc	actggtacca	600
gcactgggtg	tgctgccacc	ggcaccgaga	ccaatgctgc	ctccgttgcc	aagcttcaga	660
tgggtgtgtc	tgccgcgggt	attgcgggtc	tcgctctcgg	tatctgggct	ctgtaaatgg	720
gcttaagctt	attgatttgg	tgatctcacg	tgggacgggt	aatgggagaa	tgtgaaagga	780
tggaaaggta	ttaatcggtg	taaggatgtc	gcataatggt	ctacctacat	agttgtactt	840
ctgcgctgta	atattgattc	ccaagcactt	tgctggtaat	tgtatcggtg	ttagctaata	900
caactgctac	ccccaaagctg	atcttcgaca	tcctcaaggt	tgagaatnnn	nnnnnnnnnn	960
nnnnnnnnnn	aattcct					977

<210> 5810

<211> 760

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 5810

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cagtatagcc	agaagcatec	tcaatgggtg	cgcgtaaagc	cccacgaacc	taggaaatga	180
ttgaagatcc	tagtaaacgg	cctcggcctg	ccatgcgctc	caaagatgga	tgccctacct	240
gccgtcgccg	caagaagaaa	tgtgatgagc	gtcatcccac	ctgcacaggg	tgccatcgaa	300
atcatctcac	ctgccaatgg	ccaacgcagg	aagtggccgt	gcgcctgcca	cgtccgcgcc	360
gacgtcaagt	tctctcggac	atgacaattc	cgcctgagct	agcagcgatg	gtgacgggtc	420
tgcagttcc	cagcccaagc	ctgggttcgcc	ggcttctaga	ccattttgcg	aaacatggcc	480
ctatgtggct	aacttcocag	atgggttaatc	gacgaactgc	gatactctct	catatttttc	540
cggagccatg	gnaagccccc	ttatcctcca	ctgtgtgctc	atgatcgag	cgaagatta	600
ctgaagtatg	attcgaacgt	ggaattacaa	gcttcngcag	ttgaatacta	cgcgcgagct	660
atttcggggc	tgggtgaggg	tctcaatgga	aaagcattgg	caaatagaacc	aactttgata	720
atacctgtta	gcaattggct	aattcttctt	ttaacaatcc			760

<210> 5811

<211> 657

<212> DNA

<213> *Aspergillus oryzae*

<400> 5811

cgaagggtttt	ttcccggttta	tattgacata	actctatgqc	acgttcctcc	gcagacggac	60
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tcgatggcgt	tgctccagaa	ctagaagcat	ctattcgatt	tgccggcaat	caactcaccc	180
aagctgctgg	ggtattgctt	cgattgtcgc	aagatattat	cgcgcaggcc	attgtgacat	240
ttacccggtt	ctggataggt	gctgaaggcg	ggagccttcg	attttactct	gtcaaggatg	300
tctctgctgc	agctctatat	atgacggcca	agctatcctt	ccagcctaca	tcaccacggg	360
tggtattgaa	tgtttacaac	ttccttgat	cgaaggacgc	ttctcctttg	tggttcatca	420
ttccgaaggg	ggtatccgag	aaagctctcc	ctgagacata	ctgtctctcc	gaggggggct	480
ttccagagcca	gcgaatgggtg	ctgctccgaa	cgaatcgat	aattttgggc	acactgggct	540
ttcaataccca	tgttgccctg	ttccatacga	tgcggttaac	ctaccttcag	acctttgggtg	600
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<210> 5812

<211> 696

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature
 <222> (1)...(696)
 <223> n = A,T,C or G

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acagctatcc aaccagaccc gggcttagct caatgtaaat ggcggcacct tgaacctaaa      180
aaacatggcc ccccatctcc cctcccccaca agcacaatac acctccacat ctccacaca      240
acagccaaca acatcctcct cctctcaga aataatcgcc caatgccacc acaaagtga      300
cgctttcttc gccgagtcgc atcctccga ttccctctc gccgcggttc aacgccaaac      360
tcgcctctcc ctgcagctcg ccgcaacggc cctctcccggt tacagcctcc cggagctcgc      420
cctctcctat aacgggtgga aagactgtct ggtcctcctg gtgctcttcc ttgtcagcct      480
tcgaccgcat ccaccgaccg agaaggcgcg gctcaagtac atgccagcga tatatgctct      540
accgccagat ccttcccta cagtgcagga gtctgtnacg tggctgtcga gcgcctacca      600
tctngatatt tataagtata cgaaggagcc gnncaagacg acgctcaagt caagtttccg      660
gcactacgtg tctctncaat ctagtgtgaa ggcat
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<210> 5813
 <211> 760
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

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<400> 5813
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aaattatgct ctttcataat ggtgcacgca ggttatcctt cagtattgtc gaccagacat      180
ggatatgtca acaactggaat ctaggccagg cttccttggt tattcagtac tgcactggcc      240
ggaacatgca aacttagctc aaacagaatt tactgtttca aaggagattg agcaattttt      300
tcggaaccga ctcgggcgct ggaaatgttg gctagatagt cacaactact taaaaagagg      360
ctctgagggt gatttgggca ctgggatctc ggtcattcat gttgcagctc gctgggggat      420
tateccatta ctctcgtgct ttcaagatga gctggaagaa aaagatacgc gtggcagaac      480
ccctttgctc actgcgcgct aacactctca acttgaagcc gtaaaacttt tagttgaatc      540
tgagcgtct gtgaatgctc tagatgacaa ttgtcggaac gcactccatc tgatctgcaa      600
aaatagccga gacaatgact gcgaactggc cgaactcctg cttaaaagcc gggctcgcca      660
atatgctgtg gacannagat atatgacgcc tttgctttat gccatnggga actcagatcc      720
agaacttga ccaagttgtcc ttccagaatg gatnccaggg
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<210> 5814
 <211> 1418
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5814
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tgaaaaatgg tggaaaaaact ccatcatcta ccagatctac ccagccagtt ttaaagactc      120
caacaatgac gggatcgggg atatcccccg tattatctcc tcccttgact atatcaccag      180
cctgggggta gacgtaattt ggtatctccc aatgtatgac agtccccagt acgacatggg      240
gtatgatgtc tccgattatg agagcgtcta cccacacac ggcacagtcc aggacatgga      300
agttctcact caacaaqtcc accgtcgttg gctgcccatt attctggacc tagtcctcaa      360
tcaactctcg caggagcaca agtggttcaa ggaatcgga tcaacaaaag caagccccc      420
gggggattgg tatatctgga agcctgcaaa atacgacgcb aatggaaaac ggaagccacc      480
caacaactgg cgcagtatct tcggcgggcg tgcttgggaa tgggacgaag gaagcqaaga      540
atattatctc catttgtttt gcaaggagca gccagacctc aactgggaga accaagagac      600
ccgtcgtgca atctacgact cggcgatgga gttttggctg cagaagggtg tcatggatt      660
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ccgtgtggac	acgggtcaaca	tgtacagcaa	gcacctgag	tacccggtatg	cgctgtttat	720
cgatcccaag	tccgagactc	aaatgtcgcc	ggcattgttc	tgtaatggac	ctcgtattca	780
tgaatacctc	agtgagatga	acgaggtgct	tgcgaagtat	gacgctatga	cggtgggaga	840
gctgccgaac	acgcacactg	tccatggcat	tctgcggtat	gtgtcagcgg	cgcagaacca	900
gctcaacatg	gtctttcagt	tccatctcgt	cgatctcgga	caaggaaaagg	attataaatt	960
cttgactacg	ctgcccgggt	ggacctgccc	ggaactcaag	accgctgtca	aggggtactca	1020
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tccgtccgtc	tctcgctttg	gttccgagaa	gaccccagaa	ttgagagtca	cctcggcgaa	1140
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aattggcatg	gtcaatgcgc	cagagagctg	gaccatcgac	gaatataaag	acgtcgacag	1260
cacaaactac	taccaaattg	tgcagaagat	ttccaataac	gacccgctgg	agctggagac	1320
tgcgatgaag	tactccagc	gtttcgcgag	agaccatgcc	cggttccca	tgcagtggag	1380
ctctgagact	catggtgat	tctcctcctc	agaaaaa			1418

<210> 5815

<211> 1323

<212> DNA

<213> *Aspergillus oryzae*

<400> 5815

ggcgcaatca	caacccccag	gatctccctg	cagataaatt	gacccatata	ctctatgcat	60
tccccaatgt	cgcacctgag	tccggagaag	tgtacctgac	ggacacctgg	tccgacatcg	120
agaagcacta	tcccacggac	tccgtggaatg	acgtcggcac	taatgtctac	ggatgcatca	180
agcagctggt	cttgcctcaa	cagcagaata	gacaactgaa	agttttgctg	tctatcgggtg	240
gatggaccta	ctcggccaat	tttgcccagc	cggcaagcac	ggaagccgga	cgcactaggt	300
tccgtgaaac	tgcacagagg	ctgggtggtg	accttgggtc	tgatgggttt	gatatcgatt	360
gggaatatcc	caaggatgat	aacgaggcat	ataattttgt	actgcttttg	cagaagtgcc	420
gtgaaacctc	agacagggca	gcgggcccac	agcgggaagt	ctatttgacc	attgcttgcc	480
cagcaggtaa	ggaacattac	tcaaagctcc	ggcttcgtga	gatgacacct	tatctggact	540
tctacaactt	aatggcatat	gactatgctg	ggagctggga	cagtgttgcg	ggatcatcaag	600
caaatatcta	tccctctcct	gacagacctg	gtcgcacacc	attttcgaca	gtcgacgcac	660
ttacatatta	tgagacggcg	gggtctcggtc	cgcgctctaa	gatagttggt	ggatagccta	720
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aaggaagctg	ggagaacggg	gtttgggact	acaaggcact	tcccaaacca	ggtgcaacgg	840
agtatgttga	tcccagtatc	ggtgcacgtc	ggagttatga	ccctgcaacc	cgcaaaatgg	900
tctcgtaccc	aaatgtgcgc	ataagtgatc	tcaaagcgtc	tttcatcggg	ccccatggaa	960
aacttggttg	aatgtgggtg	aagccaaccg	gtgccaaaaga	agccaagatt	gccaccaaaag	1020
ggaattgttag	cttgattgga	actttcgtga	agggcgtgga	aggaccggcc	cccttggatc	1080
agaccccgaa	cgcacttgca	taccocgaaa	gcaagtacga	caacctgcga	gccgggtttcg	1140
cttagaccta	agtttgagat	acccccagta	tacgacagtc	ttgttctctg	tccaatttgc	1200
atgttctttg	cgtgggtcttc	aatgcacata	tatatacttt	acgcacgttt	agatttagat	1260
ccaagctatg	ggacgagtg	ttcgaatttt	taaaaaaaaa	aaaaattcat	acgaaaaaatt	1320
cct						1323

<210> 5816

<211> 624

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(624)

<223> n - A,T,C or G

<400> 5816

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ccatctcagt	tccccatgcg	gtgctcacgt	tgaatgctga	acatgacaaa	agtcgacgac	180
gtcacgatga	tgattcccta	ttatgatcgt	ttcgtgggtt	agccactcca	acgggaacttg	240
gtgggtctgc	tattctctat	atcctatcga	atccggagtc	ttatcattca	acgaaaaacat	300

acatccaatc	tgcggggctc	tttcaacggt	ttcggatttt	gaccaggcag	gaatgcgcac	360
tacgtattct	tcgtctcgga	gggcgaatgt	gtttgggtggg	gtttggaggg	gtcgtggaag	420
aagttgatgg	tcacgtttct	tatgtactat	ttgttttcat	tccacaggcc	ctttgggttc	480
cgtatgggat	ctgggtcaatc	actcttctta	gggcttgtgc	tgtagcttac	agttcctgtg	540
caagttctga	gccatggaga	ggtcatcgag	gatttatcac	aaattaataaa	gtttgcaatg	600
aaagcaatga	ctgaaaaana	aaaa				624

<210> 5817

<211> 578

<212> DNA

<213> *Aspergillus oryzae*

<400> 5817

caaaaaaaaa	ggcccccttca	aaaggggccca	aaaaagcctt	ttttaaacccg	agaccaaaaaa	60
aacggggccct	ttggaaaaaac	ccaaaaaaaat	ggccccaatcc	aacctttgaa	acttgaatttt	120
ttccccctttt	gccccaaacgg	gggtttttttc	cccccccaaaa	aaggtaaacc	cctttgggggt	180
ttttaaacccc	cgattttcaaa	ccgggggggca	accatttggg	aaacccccccc	caattcctta	240
ccccccggggc	ccaaggggatc	tttacccccgc	gggaattctt	gaccccttcc	ccgggaaata	300
aaaaaaaaacc	tgggcgggttg	ccctttttggg	cctccccccag	aaattttacc	cgaacccccct	360
tggcgcgtttt	taaaaggacc	tttggccggtt	tccccctccc	cggaatgggg	ctttttgggt	420
tttggaataa	ccatttttaa	ccccccccct	ttatttttagg	gttggccctt	tagcccgggg	480
gcccggggcaa	aaacccccct	tggggaaaaaa	gggtttcccc	aaaacacttg	ggttaaggaa	540
ccctgggggaa	accgaaaggg	taaaaaacgg	gggatacc			578

<210> 5818

<211> 459

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(459)

<223> n = A,T,C or G

<400> 5818

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tatcagatgc	caccgaacaa	ttaatctccg	cgctatcttt	gcaacctctt	gagggaactg	120
atgtggccct	cagcaacagc	acacacacgc	tcaagctctt	tggaaagacg	gtatcaggtg	180
gcgggggttc	agccctgatc	aagatggcat	tctccagcaa	gaccgggtgc	acgaacgaaga	240
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ttgtaaatgt	taaatggtaa	tggaggaggt	tgtcatgtca	ggaggcgtac	cctgcaacga	360
gtcctgcatt	atgagatcgg	acttgttttg	tttgttcttt	tcccaatttt	tgataatcca	420
aatgtcaagc	tagatatgat	ggcttttttt	tcttcttan			459

<210> 5819

<211> 634

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(634)

<223> n = A,T,C or G

<400> 5819

gcaagcgata	tccgtctacg	atcgtgcctt	ttctctcgrt	ccgaattacc	tcaattacga	60
agtcgcggty	ctacggagta	atatggctgc	gtgctacctg	aagctggaag	actggaaaagc	120
ctctgttgat	tcagcaacag	catgtctcga	ctgtctagag	aaagtgggtcc	catcggcgcac	180
tgagaggacg	gatgctcccc	aagaaaagca	gcaagagtcg	ggctcgacag	attcctgtgt	240
ggagataaca	tgtgatgatg	aagaggcaga	acaagaagag	ctcaagcggg	tgcagaaggt	300

taacgaaagg	aagaatgacg	ttatgcgga	tggggcaaa	gcacttatgc	gacgtgcacg	360
agcaaagtcg	cagcttagcg	gatgggggaa	cctgcaagga	gccgaagaag	actacaagtt	420
acttgccagt	atggacaatc	tatcgctcga	tgataggcgc	attgtgcaaa	aggctctccg	480
ggagcttccg	gataagatag	ccaaggcaag	agaaaaagaa	atggcggaga	tgatgggcaa	540
attgaaagat	ctgggtaacg	ggatccttan	accatttggg	ctttcgaccg	atattttcaa	600
atcacccag	atccgaatac	gggtggatat	agct			634

<210> 5820

<211> 694

<212> DNA

<213> *Aspergillus oryzae*

<400> 5820

ggcgggtgaa	ggtctgggag	tggaatgctg	ggtgggttggg	gctggcgctt	gctgttgcctg	60
gggcgtttat	ggccaccgag	gggttgaagg	atltgtatgg	ccggcccaga	ccggatatgt	120
tggttaggtg	tgatccta	ttgagtaata	ttggggatta	tgtgttggg	gggcttgggg	180
ggaaggtgga	gggtgcccc	acggtgggtga	gttgggaaat	tttgtaaaat	aggggaaaaa	240
atgttgggtg	tggaatgggt	taaaattttc	cgaggggcat	tttttttttg	cctttgcctg	300
attgacctat	ataattctgg	ggtttgcccc	aaattcctta	tggttatccc	tattttgggc	360
aattccccct	tagacaaaat	ttttctctcc	aaaaaacat	accattttcg	acatctgaag	420
agttgcccc	acccttttat	tgataccct	cactttggcc	caagaaggat	ctattttttt	480
aaatttccat	cggctggttg	ttttaatttc	gcataatata	tatctcaatt	ttttgcaact	540
cctctattga	taatttttac	accacggggg	gattataact	atattttaa	ctcactatta	600
aatgtggtag	ggtgggtgct	ttaatgttgt	cattaataaa	aaatttacat	ttcttttttt	660
ttgaatgata	taaatttcca	aatatatatt	ggtc			694

<210> 5821

<211> 577

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(577)

<223> n = A,T,C or G

<400> 5821

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aataattatt	acccccaaaa	aatccccat	attgggaaac	ctttattcca	aacccccaaa	120
acctactagc	tcttttcaaa	cttaaattgt	tcccaatcac	ccccccaat	gaaatacccc	180
aatatataat	acttttcccc	attttcaaaa	ccaaaaatcc	ctaagataaa	ccccccaatc	240
cgggttgaaa	caccccccat	ataaacttgt	gaaccggagg	acaatttgtt	cttatccccg	300
tggaacacac	ccccatttct	gttccccacc	ccaaaaaatt	taaccacct	aatacgcaac	360
ccgatgtttt	tcttaaccca	agaaaaaaat	tttcttttac	catccccggg	agggggcgca	420
aaaataattt	cgataacaaa	tttatgaacc	ctcaaaaata	tcccctcgac	catattaaag	480
aaaaaaaaatg	atcttatcaa	ataacacact	ctcaccatcg	cactaactcc	caacaatata	540
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<210> 5822

<211> 693

<212> DNA

<213> *Aspergillus oryzae*

<400> 5822

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ttcaccacac	aaacaatcat	aatcacgggc	tccaacgtcg	gcctcggcct	agaagcagcc	180
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ggcgaagaag	ccgggcaatc	catcgagaga	tccacgggga	ccacgggc	ctgcgaagta	300
tgggatctag	acctggcatc	ccacgaatcg	gtgctcgcat	tgcgaagaa	agtagccgag	360

ctcccacgtc	tggatgtatt	catcgccaat	gcctcgatag	caaccggtag	ctttcaactg	420
gcagagggcc	atgagcggac	tataacagtg	aatgtgatta	ataccattct	attggaattg	480
ttggtgttgc	cgacgttgcg	gaagagtgcc	aggttacatc	ctggtacgaa	gcctcggttg	540
acgacggttg	ttagttaggt	gcctgcctgg	gctaagtttg	cggagcggag	cgccgagaat	600
gtgttttaag	ctttggatga	taaagagcag	gcgaaacatg	ccgagaggta	tgagttgtcg	660
aagctgttgc	aggtactctt	gttgcgcg				688

<210> 5823

<211> 1095

<212> DNA

<213> *Aspergillus oryzae*

<400> 5823

taattctatc	tctcccatct	ataactccaa	gccaaaccca	ggcgttcgtc	actgagatct	60
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ctcccccccta	ctctactcca	agcagcccaa	aatgggaagga	ctataacttcg	actccagtcg	180
actatataaag	catgtcgaca	gaaaggccat	ctaaacccgc	ctogaagccc	gcattcaacta	240
tctccaggac	ttcctggact	tcaattccgc	tgacgtcgaa	gccctgacaa	ccggtcccaa	300
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gtttacaat	gaggagagtc	cgcagatcat	gcgcgggaag	atgttcctcc	ggtggtactt	480
gaccaagctc	tgtcgggac	ccacgcagac	ggacttctgg	cggtatctga	ataaagtggg	540
tatgatgcac	gcgcacacag	aacgcattga	ccccctcaac	atcgaataca	ttcacatggg	600
cgcttgcttg	ggcttcated	aagacatttt	caccgaagcg	ctgatgtcac	accgcgtct	660
gcagctgcag	cgcaaggttg	ccctgggtccg	cgccatcggc	aaaatcatct	ggatccagaa	720
cgacctcacc	gccaaatggc	ggatccgcga	cggcgaagaa	tacgccgaag	agatgtcgca	780
aatgaccttg	gacgagcgag	agggatttct	cggcgacaag	aagatactgg	gcgacaacag	840
cagcacatcc	ggccactcga	acgacgaaga	acgtttcaat	gtgcacaaca	accccagtat	900
agcaccacaac	attggggccc	tcacgatctc	gggggggtcc	tttcgcgata	ttggcatgga	960
caaattggcg	gcggcgacat	tgagaactaa	aaactgggct	ggggaagaaa	ttgaaccaca	1020
cttttgggtc	ctgggcggaa	aaactatatg	tgagaaacaa	atttttaacc	ccccccgcag	1080
gggagacctt	tgggg					1095

<210> 5824

<211> 735

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(735)

<223> n = A,T,C or G

<400> 5824

ngcatgcaat	toggacgagg	cogaacacca	gcataaccat	gtctgccttc	gcctcaccac	60
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cctcatcgcg	ctcagtagct	cgtatgatca	tcaccggcgg	tctggcggcc	gctccggagc	180
tgcaggccac	ctcatccggg	caagatgtta	tcagatacac	cgttgctacc	tcgaccgggg	240
cgcgcgaaaa	cogaacagaca	agctgggttta	aggtcgcaag	cttcgaccag	ggtgctcagc	300
gagattacgc	gtctgggtttg	cggaaggga	cccttggtta	cctcgaagga	agcgccagcc	360
tgcgggactg	ggaagattct	gaggggaaga	agcagaccac	cctgaacatt	gttcaacgga	420
actcagaggt	cctcaagcgc	cgcacacact	ctaacgaaac	tgagtctgcc	taagcttctg	480
cgcgcgaaca	aaagcttgga	caaggagaaa	tacatattag	cttgatgggg	gggtatccag	540
agattagagg	ctttcgtgga	tccttcgtag	gttttatcgg	tgaacgttga	atgggcata	600
tgtgtttctaa	ctggattttg	gatacatacg	ctttctgtatg	gtaqttttgt	tacaagtata	660
cccttgagata	ctagcgtctt	tttagcataa	aaaaaaaaaa	aaaaaaaaaa	nnnnattcct	720
ggggccgggtc	gagct					735

<210> 5825

<211> 574

<212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(574)
 <223> n = A,T,C or G

<400> 5825
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 tcttgtaact ctgcgctgca tggcggtag cgccagtgc tccattacc cggactttgt 120
 cccattgcac cgtcgccagg aaccgggtac gcctgaatac gattgccatg caaactgcgg 180
 gggggtaatt gttgctgctc gtaaagacgg ctactgogat accgacactt tcaaaactga 240
 gttatctgac tgtctcaact gcgcctcaa gtacgacatc tggaaagtatt acggcgcgctc 300
 cgtttccaaag gccgctaact gatgtgggtg ggaagccacc cctgtcgaag cgtcctccac 360
 taagactact gcagctgcta gcgcagcgc tactgaaacc ggaagcccaa tcacctcacc 420
 cggctgctcc acttcgaactg acacggctgc aaccacgggt gtaacgtctg ctgctcttag 480
 tgcgtgccc agctctagcg gtgcggctag ctcgacaccc gcggnctcta ccgttgcttt 540
 ctctgcgaca cctttccag aattcgactg gtgg 574

<210> 5826
 <211> 1198
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5826
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 gaaagagtaa aggcacttga agagaagggt caacgcctgg aagctgctct tgccgaaaag 120
 gaggctgctt tggcggagaa ggatgccgt atagcgcta aggatgccga gcacgagacg 180
 aaagctaaag aacgtataga gaaattgaag gagactttca acaacaagat ggctgaagtc 240
 aggacggccc accgacaaga gatagaaaag ttgaggacta atcaacaggc cgcatacaaa 300
 ccgcaagaac ctggaacccc tgtgtcgaaa ccaaaccagg ccccgcaac tctgcaaaag 360
 acggaaggag aactaccgca actcaccgat gagcaagcta aagcactggt tgctaagaac 420
 caaaccattc gggccattta ttogaacaat tatccgaacc atgcctgctt aagaaaagaa 480
 agaaacaggg ggctcacc ctcggcgggt gtgaaccaag aaaaccttgg ctcccatggt 540
 gcaaaagtcc aatgaggaga aggaagccat caagaaggct cagaggaag gtgttgaaga 600
 gagaatcaaa tcagcgtctg agctatctga taagaaaacg ttggtcaaga tcagtatgct 660
 tgatacacgg tgtagaaatg cgcaggcgaa gatcgacgtt gttcagaagg cggccaccga 720
 gattcctcag aagcctgttg ttgagggtgt ggaaatagcg aagacaacta aggctccgcc 780
 tcaaacccaa aagcttgcac cggctgcac gcccgcaaa gtacgtgac cagcgccgc 840
 gccaacacct acgccaacac caacggcagg agtggtagcg acccatcac cgggtccagc 900
 accgacacca gtgcccactc cagcgctgt caaccagcag caaggcccag cagcaaccgg 960
 ctctgtagtg acggccactc aagccaaggg acctgcccc gccgaaattc atggcccagg 1020
 aaatgtacag caaaagccat gaacagctac caccaccac aaagtaccga agggccagca 1080
 ccacccagcg cgaatgcgct tgtgaatccc tttggacaaa gcagaataaa cagcctacat 1140
 cggtaaccaag taaacctcct gctggcgcta acagtgggag gtttaaagct ctccccg 1198

<210> 5827
 <211> 694
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5827
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 cggggagaaa gtctaccaac gatataaaac aaaaatccaa cctttaattt catattgcgc 120
 qttctttgga cagaaaaatt aacaaatgaa caaaatgggt ttctcgtctg ctgctgtttt 180
 cgcgctgttg gccgctgggt ttgtcgtgta ggaagtgcgc actgttattg ttaccgaaac 240
 cgcacttac tgccctaagt ccaccgatgc catcggtgtt tctcccacc agtctatcag 300
 catcctgtgt ggctacacca ccactgtcc tctcatcac tcgaccgtga ctgagtgcac 360
 caagtgtccc agcaccgccc ctctgtctgg cactcccact ggctcaacc ctgttggcag 420

ctctaccccc	agctctcccg	ttattcccg	cggtccaagc	gttcccgggc	tccccagcag	480
ctccaagget	actcctagca	gcagctccat	catcaagcgc	cccagcagca	gcagcatcgt	540
catctctctc	acccctctgt	cctcgacccc	tctggctcac	cccaccaagc	ctgcttccac	600
caacgctcct	cctgctcctt	ctgcttccgg	tccctctgat	ggtctccccc	accggcttcg	660
ctaccacccc	cgtgtccct	ctcttcaacta	gcgg			694

<210> 5828

<211> 668

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(668)

<223> n = A,T,C or G

<400> 5828

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ccagacttct	tctgctgttg	agagtccttc	cgatgtcgag	accaccggcg	ttgctgagac	180
tggcagtgcc	actgccactg	ccactgccac	tggcggcgct	gagaccggct	ctactgtcat	240
tcccaccgtc	acctctcagc	ccgtgatccc	ctctggaacg	gctactgaag	cccctactac	300
ccccaccggc	agcgggtgcc	agtctccgg	tgctgtgacc	ggctccagct	ctgctgggtc	360
ctctaccctc	gttaccaggt	ccagcagcgc	tgcctccagc	acctctgagg	gcgctgccgt	420
ccccatggcc	actgccggtc	ctctcggtct	cattgccggg	gctgccatcg	ctgctctcct	480
gtaaatggac	agctcgtgat	ccattaaacg	cttggctgat	tgacaatata	gctntcggtc	540
tcaagcatta	gtgtgctccc	caagcggact	tgtgctttat	ggaccttccc	cctccgacta	600
tcccagctac	cggggatagc	gggacgaaaa	gagatgatgc	atacggatac	tgaagtccat	660
tttcatac						688

<210> 5829

<211> 618

<212> DNA

<213> *Aspergillus oryzae*

<400> 5829

gcgtcatatg	cgggcgcagt	taccacgctg	gagctcggca	ggtcgcagcg	aggttatgag	60
ttgaagacga	tctcagacac	gaccgactgc	ggccccaatc	cttcttggct	gatgctgaat	120
gacgataaga	gccttctctt	ctgcctcgac	gagggcctca	atggaccgaa	cggcacatta	180
acttccttcg	aagttggctc	cgatgggtcg	ctgtctaaag	ttcatcagtt	gcagactgta	240
ctcggggccc	ttcaatcaca	cctttatact	gcgggagatc	gcacattctt	tgcctgggcc	300
cactactcag	ggtcacgggt	gacagcatat	gcccttgacc	ccagtgggtg	ctttaccctg	360
cgcacagact	tcacatataa	gctggacggg	cctggtagcg	atcccagacc	gcaggatgca	420
ccacaccccc	acggtgtagt	ccttgacccc	acaggtcaat	tcattctggg	tcttgattta	480
tgagccgacc	tcgtaagcat	cttcgcgcat	aacccttcat	cgggggttgt	ggagccgcag	540
acacctttgg	ctgggtgtct	caggatctgg	ccccagacac	ggtacattct	ggacgcccac	600
aggcgcacgt	ctcggctg					618

<210> 5830

<211> 672

<212> DNA

<213> *Aspergillus oryzae*

<400> 5830

ttccccatct	tccccagctg	gtgcgcgtgc	gccgggtgagg	cogtcgagga	cttcaagcag	60
cacatgctca	acatgttcaa	tacagagaaa	acgctcctcg	accagggcaa	accaggcacc	120
ggcacgctga	tgtcgtcctt	cgttcgcgaa	tccaccgtcg	atcccaagag	caataagact	180
gttcttacc	tgcacgaaat	cctgggcaat	atctacgtga	tcaacttcgc	tggccacgat	240
acaacagccg	gctcccttac	ctacgtccta	ttcttgcttg	ccgcctaccc	caatatccag	300
gaatggatcg	cagaggagat	ccgcaccgtc	ttccccaacc	ccgaccgcga	cacatgggat	360

tacaaggaag	ctttcccccg	actaaagcgg	tgccctgcag	tagtcctcga	aaccgtccgt	420
ctctaccccc	ccatcctggc	tttaccctaaa	tcctgtcgccc	cgcaatcaac	cagcctccgc	480
ctcccagaaa	gcaaccgcac	catcgctcctc	cccaagggaa	ccgtcgtcct	ccccagcctc	540
ctcgccgctc	aaacacaccc	gaaatactgg	cccgcacgagc	ccaccacctg	gaatccccgt	600
cgctggatcg	aaactttctaa	cccaaccgcac	gccaccacca	gcacaccgga	agaccacctc	660
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<210> 5831

<211> 1513

<212> DNA

<213> *Aspergillus oryzae*

<400> 5831

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ttctactata	acttaataat	catcttttcta	tacttgcccc	ttcacctctt	tgatatcaaa	120
aaaacaaaaa	tcataactca	atccccctaa	cagacgagct	gtgctctcta	ataccctaat	180
ttccattatc	caagctcttga	ttttgacagt	tcaactttgt	cgtctgttga	cgctctccat	240
cagcagctca	caaccttgct	cagccttggt	catttttatcg	ccgaggcttt	ttactatctt	300
tttctaattt	togtgcgtg	gactggatcc	gcgagcaata	ctggttgata	ccgcagtcaa	360
ccaaccaaca	aaaccaacag	gacttgattg	aatcggtctc	ggtagtcttt	cgactcaagt	420
cttatatctt	ctgcacgaa	tactgtggaa	gagtgccttc	atctttgact	tcgacacgat	480
aacctataca	ttcacctga	atattattaa	tctttagtct	aactacgtca	atcactcaaa	540
atgtccgctg	tgcaactcaa	gttcaactct	cggacttcgt	ccaatgtcaa	gactgtccac	600
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cccggttcat	gggttgga	gttccgcttc	cagacctcca	tgcttaagct	cgccggccgc	720
tactggtact	attacatcat	ggatggatac	cagctctccc	atgatcccg	cgttgagtac	780
accattgagc	caaccaccgg	ccgcaagctg	aacatcctcg	atgttcccg	aggtagcaag	840
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cgcctgtcag	acgagtactc	cttttccaac	agccccccca	gctcagttgg	ctcctccctg	1080
tcttctcggt	cttctcggtc	ctctggcagc	acctctccct	catcgctgtc	ttccatgagt	1140
gacccagcta	gcgtctgccc	ctgcgagcgc	tatggcatca	ctcggaaggg	cgaccgcgtc	1200
aaagctcgact	gcggtggtag	tcgttggtggc	tatgtcaccg	agtcgtctga	ggctagctgc	1260
tcagagtcgc	acagtgacga	ggagtaccgc	cgggccccgc	gggtgttcg	tcgccagggg	1320
attgttggtc	gtcggtaaat	catgcacttc	gtggaatctt	ttacttcgtc	aattttacgg	1380
agatgggttg	accccatccg	tcaagcaatg	tcaatcaacg	tgcatgttta	cagccatgcc	1440
atgatgctcg	gaacacagtc	tctccttaat	aggacttgga	agagaacatt	tttatacaca	1500
aaaaaaagaa	aag					1513

<210> 5832

<211> 175

<212> DNA

<213> *Aspergillus oryzae*

<400> 5832

cgatgcatat	cgtcgccgta	taaccatgga	ggaccacctt	cgacctcgag	tacacaaggg	60
atgcgacgcg	tgccgacgaa	ggaaagtctg	ctgcaatggc	cagcaacgat	gccagcaatg	120
tgagcacatg	ggcctagtct	gcacatacac	cgataatcga	ctgcgcgat	cacgg	175

<210> 5833

<211> 651

<212> DNA

<213> *Aspergillus oryzae*

<214>

<221> misc_feature

<222> (1)...(651)

<223> n = A,T,C or G

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<400> 5833
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atcctctgtc gctgggtgtg tgagcagcat gcgcggcccg atcgggtctg accaaaggca 180
gcgggtgctat gcccgctttg ccgcactcct gtgaagcaga agctccgcat ctatctctcc 240
taatcccact actacaatgg aggataccat gtgtggtgga atctacgatt tacgaccgtt 300
atgtagtga tctcgagcct ctcttggctt tcttgttctt ctctgacttc gtctgcttat 360
tcttgtccat tgtcccatat tttggactaa ctggggcggt gatcgatta tttggagtac 420
aggttccagc gaacgactat caactathtt ggccacatga tcttcgccag tgcagattgg 480
cactgagaca acaacttcca taatgagaca gactagttta cgggttccag aatgggtctt 540
agacactacc cgtatctacg gtagacatgt tttgcaattg catgaatata tcttgtttnn 600
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn n 651

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<210> 5834
<211> 681
<212> DNA
<213> Aspergillus oryzae

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<220>
<221> misc_feature
<222> (1)...(681)
<223> n = A,T,C or G

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<400> 5834
cctgcgcgcc gacgcgcaga cccacgaaag atcttttttc ccgactccgc ctccgactct 60
aattcatata actctccctt ccatactaca tccgggaacg ccaacgttat aataggcgcc 120
actcagagac ttaatcaatc actggctcga tcagcgggtg tggctggcct aggcctccca 180
actgctgcgc gaagctcagc tcccgcaact cccgcgggtg gcaccgctca ttttcaccaa 240
cgacaacgtg aatcatcagc tggcgtgtg gagaacaagc gacggcgtct aaaccttca 300
ctagggagcg taccagcagc atcgtcgaat ctccgacaat cctctctagg tcccggcaca 360
cccaaaggag gtacaccagc ttctagtctg gctggcagtg ccgggccacg ctcatcaagc 420
acaactaaaa aagccttgac caagaagggt gcacctcacc aacaattgaa aaagatcaag 480
gcacatcttg gattgaatgg canatcaact aaacggctct ctacgcctag tggcgcgtac 540
aaacttacta caaagaaatc gccttccgcc ccggggcgcg atgaagacga agatgattcg 600
atgctcagta acgccgatgt ctccgactct gagaacaaca ccgatggccc gcgcggaaga 660
tgatgaccat ggaaaagaag a 681

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<210> 5835
<211> 687
<212> DNA
<213> Aspergillus oryzae

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<400> 5835
ccacgggtata tccagcgtcc tcataccacc cccaacaacc aaaacgctac tcgacctagt 60
ccccacaaaa ttcagcacct tcgacctcgc catcctcaaa accaacctca ccataccaga 120
aaacacaggg aaagacacgg ggaaaggcca cagatcttt gccccctcca acacagcctt 180
cagcaaaact ggccctcaaaa tcaacgcgtt cctgttctcg ccctatggcc agaaatacct 240
cctcgtcttt ctcaagtatc atattgttcc ggatcggacg ctgtactcgg atgtgattta 300
cagcgaggag ggcgagatcc ggccgtttgg ggtcaagggg ttcacgcatt tggatctgce 360
gaagttgttg ggggatagga ggttgagtgf tgatgtggcg cggttttggg cgaatgcttc 420
gttgaaggtt aatgggtttc agcgggtggg ggttcgggat gccttggggg gggatggaaa 480
tgtgcacatt gtogaacagg tcttgggtcc gcgaaaaaaa gtggtggagg gggcgactga 540
atgcgaa jag tggaaacgag agatgaaggt ggaggggctg aacgaacagg ttgccccggg 600
ggtgggtgga gatcccgatt aatatatgac aggggaatgg agttgagggc ccattgccttc 660
caattgtgat cgggaggacg accctcg 687

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<210> 5836
<211> 724
<212> DNA
<213> Aspergillus oryzae

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<220>
 <221> misc_feature
 <222> (1)...(724)
 <223> n = A,T,C or G

<400> 5836
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 gaggacggcg aattccaaga cccaacaat cgtagaaaat cgatccatga agacgtgatc 180
 gacgagatcg tgatcccttc cgacggcatt ggcgaaatct gtgcccacgg acgtagaggc 240
 agtgaaggtc gtctggacct gttccatggc aacgacaaga tttgcgaact gcattgggac 300
 gatcgtgatg ggagacgcga gaacctgggc gagatgttgg acgaaagtga caaatacagg 360
 atcgagcatg ggggatggag ccagaggcc aacggacctc tggggccatgt ttacgttgac 420
 gtgtgggcta aggacaagag caagtagtct ctctcccta taagtgtatc cgtagtcttt 480
 tacgggtgta gtcctttttt tcttttcatt atgagtncaa cttttttttt tttttttttt 540
 ntctttttt tntntnnngg cgtctccatg ttcacggcaa gatggacat attttgatat 600
 cataccaaga gaaacccact atattaggaa cgaagctcga ttgttcncc cnnctanaan 660
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 gcgg 724

<210> 5837
 <211> 692
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(692)
 <223> n = A,T,C or G

<400> 5837
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 ccaacgcca cagatcgtc ctgtttgacc gggcgcttct ggccatcgat ccagacatgg 180
 cagtcgagat ggggaccttc acagatgagc tttggaagct cgtgcaccgg tcacgattag 240
 ttgacaccac ggaagtcaact cgaatcctgc gccagtatag ctccgcattc aagtcctacc 300
 tgcagctgcc acccgaggcg cgcccgaaag aaacgcctgt gatccgtact ttgctagaga 360
 catatgccga gctaggaatc catgaggacg accgtgccgc catgctggtc atgatttget 420
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 acccccagct gggggaaata atacgtcagg aaacagcacc cgcggtcggg ccagacggca 540
 agctggactg gccttatctc gctaagcgat gccacgact ctcgtcgac tatcacgagg 600
 tcttgcggtt gaaccaagcg gatgtcattg ttcgacaggt cgtccgtgac actgcctcgg 660
 cggntaagcg gntacggaaa gacagcattg cn 692

<210> 5838
 <211> 553
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5838
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 aatatccctc ggttgatacg caagactcgc cctcgacaaa gcaaccacag cgtcactcct 120
 cctccctcga agccaatgct caaacatata aattcccga aaagcaggac cccagtcga 180
 aaaacttgca atgatcacc atcgagccgt ctcccaagta gtctcgggac aatccttctt 240
 jatatattca agaaaactcc aattagttgt cgcacgttta ccacgaagca agccggcctt 300
 gggggccaca ataccaccag tgcaggtggt gaaaaaacaa tcgacctcgt cgaccttcgg 360
 gtgcaggat tccaggtagg agtctgggat gttgttccag aaatcggggc caggggcgcc 420
 taggaggata gcgtcgagtt tgggacattc ggccaagggt gtggttgggt ggattttgaa 480
 gcgctcatc aggcatacag tjtccatttg tggggcgatg tattggaaag tgatgtccat 540

accttgggca acc

553

<210> 5839

<211> 564

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(564)

<223> n = A,T,C or G

<400> 5839

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agagtaagggt	gagaaggaag	aaccccaactt	gttgggatat	ataggaagtg	cttctgccac	120
ctttgctgga	cccttttttac	tatcatcaat	tcataccctt	caaaccttca	aactacttta	180
ttcactatgg	ccgganaactt	ctacgagtc	gctgagggtg	tcggtcttga	tgggcccggtc	240
ctctttgctc	gccttcgcaa	tggtgacggc	ggatgggagg	acgctgaaat	tgatttgaac	300
gaattcattg	gtaacgttga	cggccagttt	gtgtgggacg	aaccaaactt	ttttgagact	360
gctgcggaag	tcgagttcaa	tttcgaagga	gatgacaacg	tgcccatcct	ncgtgcccag	420
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aacatcaatg	gtcacttcga	gttccaatat	taactggtct	gactcctgat	atctatatat	540
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<210> 5840

<211> 1185

<212> DNA

<213> *Aspergillus oryzae*

<400> 5840

ttgccgagac	tgagcaggtc	atgttccaac	ctggccacat	cgcccggtgt	gttgacttca	60
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acggcggacc	caacttcgag	cagctgcca	tcaatcagcc	tcgctgcct	gtgcacaaca	180
acaaccgcga	tggagccggc	cagatgttca	tccccctgaa	ccccaacgcc	tactctccga	240
acaccctcaa	caagggctct	cctaagcagg	ccaaccagac	tgtgggcaag	ggcttcttca	300
cggtctctgg	acgcgagtc	actggccgtt	tcacccgtgc	cgccagcccg	tccttcgagg	360
acgtctggtc	gcagcccgct	ctgttctaca	actcacttac	tcccgccgaa	cagcagttcg	420
tcgtcgatgc	tattcgtttt	gagaactcca	acgtcaagag	ctcggtcgta	cgcaacaatg	480
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gcactttcgg	acagaagctg	aagaagctcg	atggactgaa	ggttggcttc	ctggcttcgg	660
ttgagacccc	tgctccatc	gaggcagcct	ctgagctcag	caagcagctt	tctgaggacg	720
gcgttgatgt	tgctcgctgt	gcggagcgtc	tgctcgatgg	cggtgatcag	acttactccg	780
gatcggatgc	catccagttc	gatgctgtga	tcgtcgccgc	cgccgctgag	ggctttttct	840
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gcgggcccct	gcagattgtc	atcgatggat	tccgtttcgg	aaagcctgtt	gggtgccgtcg	960
gcagcgccgc	tactgcgctc	aagaacgcgc	gtatccagac	ttctcgcgac	gggtgtgtaag	1020
tcgacaagtc	ggtgactagt	ggattcgtcg	atggatatca	ggacggctct	cgcactttca	1080
agttccctga	cggtttcaag	ctggaccatt	aagccggcgt	gtactattag	cccagccgag	1140
gatttgtaac	catcggggca	tcttttactc	aacattggcc	gatct		1185

<210> 5841

<211> 1216

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1216)

<223> n = A,T,C or G

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<400> 5841
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catccaactc ttccctcaagc cttccagaaa ggcccactac ctcaactcaa tctcaaacaa      180
agtccaatca cctctccctg aaagcaggaa gactcttcgt ttcccgtctt cgtctctcgt      240
ccaaatcccc cgtccttagc gacatcccaa ccaccacacg cagcgtcgc tccgactcag      300
agagcaccta catcctcaaa cgcgacaaaa tggctcgcac cagcattccc cgtcgtctctg      360
agagccccac ccaaagtgtc cccccggctt ccccttcttc catcaaggag acccactcca      420
caaagcgcag atccgacgcc taccactccc gcaaattccag tgacgactac cgtcgtctaca      480
gcggaaccgt gaaccactac ggtcgtcact cgaacgactg gttgttcgga ggattcagtc      540
ttcgcgacac tgcccgccg ggtgttggcc gcttgccgca gcgcgatgac aagagctgaa      600
tgaagaagtg gttccgtcaa ttctgacgga ttgtttctca tcttcttttc ctctataccg      660
ctcttcggct tcggtatata tgggttatata gccatgactg tcattatcta aggattatgg      720
cagcggctac gggctactct acccacctat ttcggtctcg gattgcctct tccacttccg      780
agtgaagatta gatcattggg actgatcgga ggtaatgtct taccacagag ggggttagact      840
atcttgtcat cgagttcctg qgatgttttc agttccttat ggaggatttg tgttcgcctg      900
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cgggtgttgt atccggttat gcaagcatcc taaggatgga gcactctgtt tcttcatttt      1020
ctcggttgta ccgagacata ccttgtttat gagctatgtt gccatgacct tttgcgactt      1080
gcgagccaaa ttgccgatgt tttccttttt gtttaattgac cgaagtgggc ttttaacctg      1140
ttcagccctc ttgggtactg agttataacc actaatcaca atatgattga acgggaagaa      1200
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<210> 5842

<211> 687

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(687)

<223> n = A,T,C or G

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<400> 5842
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aactacacct aatgagttag aggaatatca tctggcgaaa caaataaagc tgcccagcca      120
agtaccggca agtgcaggcg gtctgaataa aacaaattgg gagttggaga ttcgaaaacg      180
ctatgcgcaa cctctggcgt cagagactgg tgagttccca gatgcggaat ctattcatgc      240
tcgcatgata cctatatgct acgaagagtc aattgtcagt ggccgcccgc taccctgcgc      300
tgagttcatg gccattgcca cggaaacttt tgtgaaggaa gttttatctg tcgtattctc      360
ccgtacgagg tctaacggac catctggcac tatcaatggt atgatgatgc gcaagtatcg      420
tcagcagctt gaaaggggaag aattggcttt cacacgcggg gagattgtga aagatggcgc      480
aacgggtttg ttacctgtcg aggccaaaga agcaagtatt agaaagcccc tcggggtcag      540
agacctccgt ttggcttttag agcttggtgg gggagttctc agtcatatgc cactgattgt      600
ggatcaaata atgggcgggt accttgagga tgagcttgaa acggacaaaag cagaccgagc      660
tgacgatgtg gcggatattt ccaangn

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<210> 5843

<211> 674

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(674)

<223> n = A,T,C or G

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<400> 5843
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tttcagaaag	aagtgcccg	aacgtccgaa	aatagccaac	ttggagagct	tgttctaagg	120
tggtctcaagg	aagatctcaa	ggccagaggt	cctagaaatg	ggcggcatgg	ccaagccaag	180
acctacgagt	cgtttgatgg	gaggggggga	tatggatttg	aaaaacggaa	ttgaatcaat	240
tcctctaate	ctgtcagtea	ctcttcctag	ttttgaacct	ccctcctacc	ctccctatct	300
ctctcttctt	cgccggnctt	ggttttcttt	ctttctttct	ttctttcttt	ctttctttct	360
ttctttcttt	ccttccttcc	ttctatcctt	ctttccttct	ttccttcttt	ccttccttcc	420
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gtggctcatt	caacaatatt	tactttttacc	atggcatggc	atgcaagaaa	agggcctcac	540
tgcattggaa	tatgaggatc	aactcccagg	gatataattca	acattcgata	attccttcaa	600
catgcataga	cctcgccgat	gatctttgtc	ttgcggtcgc	atatatggca	tatttcatct	660
catgaaacca	tatn					674

<210> 5844

<211> 590

<212> DNA

<213> *Aspergillus oryzae*

<400> 5844

tygagcggtta	ttagtggggc	agctgcccac	caccacacac	cccagcagtc	cctaatatct	60
gctgaatcgc	tacacctccg	cattctacat	cgcctcggat	catcaatccc	tcacaatggc	120
cgccactcgc	cccatacccg	gcctgctccg	ccggaacctc	gtcctggacc	tgagcacccg	180
tttcgggttc	ggtaactacct	tcggctacct	ctggtggtac	ggctaccacc	tccccgcgt	240
ccgcgcccgt	gacaactact	acgtccgtct	ggagcaggag	cgcgctgctg	cccaggagta	300
aatcttcgaa	tcatgacca	tgcataaacc	tcgctcgact	ggatttgta	aggataaccc	360
gatgatgctt	gtttcgtttc	ggtccgcttt	cgctatagat	gtctagaagg	aatgggactg	420
gtgttggttg	ttcattagtt	gggttgggga	catgttatgg	gagtgagtca	gtgaggttga	480
attaaatgtg	aagtatttga	tttgaggctt	gcagttacta	cgggttagtt	gtttgaatag	540
ggttggtatat	attaaaaacca	acacacggca	gtaacacaaa	taaaattcct		590

<210> 5845

<211> 964

<212> DNA

<213> *Aspergillus oryzae*

<400> 5845

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tttactcgtt	cggatagctt	cccggagaag	tcgttttctc	gatcgaacgc	agttgacctg	120
tgaaaacacc	tctcgcaaac	cacctacaag	accaatcaat	cgtccccaac	caaacatcat	180
gcggtcttcc	ttgttgatgg	gcgctctttg	cgcgcccggt	gccatggcca	acctctctga	240
caagcggggc	tacactacag	actggacggt	cgtcacgggt	accactacca	tcaccgcacc	300
tgtgccccct	gctgctaccg	cttctctctc	cacctacgtt	cccgtccagg	aaccccgctg	360
cgagtgtgga	gcctgcaccg	gcaccggttg	aacagagctc	gtccgcgctc	tttgttgaag	420
tcccggtac	ttcttccgct	cctgcgcctg	cagagccca	cgcgaggtg	cagccaacaa	480
ccgtgctgc	tgcggccgat	caaggatctg	cctggacctc	tgcttgacc	tcgcgctgga	540
ccctgtctctg	gacctcttct	gctgcccagc	ccaccactct	ggctagcacc	acctccagtg	600
ccagcggcgc	tactgccacg	aatgcttacc	agtcaaccgt	cttgtaaac	cacaatgttc	660
aocgcagcaa	ccactccgcc	agctctcttg	agtgggatgc	ctctttggaa	gctagcgcgc	720
agaccctcgc	cgcagatgc	gtctaccagc	atgacacgta	agagtacccc	tgctttttct	780
taggtgttaa	atgtactaac	agttttctct	gcaccattaa	tggcggtggg	tatggccaga	840
acattggata	tgggtgtctc	tgggaaaaga	ttggagagat	gatcagcaac	ctgatgtaca	900
ataacgagat	gggtactctc	gaggccctgt	atggcgaggg	taaccccaga	atggacaact	960
toga						964

<210> 5846

<211> 632

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(632)

<223> n = A,T,C or G

<400> 5846

gcatgctgcg	ccctgggggc	tacatggaga	tgagtctact	cgatctcgac	atgggtgaaca	60
tggaattcg	caccgaaag	gctgtcagaa	atctcaagga	gaggacctac	ctaacagact	120
ccagtatcag	cctcaagcct	tcaagcgaca	gcatacaacg	cctcctggga	cgacacgggt	180
tcgacaacct	acgacgctgt	atgggtacgga	ttccagtcgc	aggggtgatc	gtaagatcat	240
cagcctcacc	ctcatccaca	tcattcctcga	atccttccac	attagcgggtg	acagccacct	300
cctcaaccgc	actgtcacac	ccctccaaact	catcgatagg	cgcccaggga	aaagcccata	360
gcaaaacatc	ctccaacgac	accgacctat	ccctcggaga	tctcctttca	gacctgttcc	420
cttccccctt	caacgacgaa	tcaatccgga	aaatcgtcgc	cagagtcgggt	cgttgggtggt	480
acacaagatg	ctacgagata	ccgctcctgg	cgaaagggtga	cgcangcctc	agcatctggt	540
ccgataagaa	agtactccgc	gaatgccaga	agcgaggcac	acgggttcgc	ctcttgatcg	600
catatgcaca	gaagccgagc	gagaaacgca	ga			632

<210> 5847

<211> 673

<212> DNA

<213> *Aspergillus oryzae*

<400> 5847

gaaccgaaga	catcgccctt	ggaactaaat	tctgcacttc	caacttaacc	aaagaaaaaa	60
aaaatgacaa	ccccggagcc	ccagccaaag	acatccgctc	ccacagaaaa	agtacacctc	120
ccacgcattc	cgatcaaata	ctgcacacaa	tgtaaatgga	tggtgagggc	tgcttatttc	180
gcccagagac	tctctccaac	attcagcacc	gatctaggcg	aggtagcgct	catcccggct	240
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gaaagggtgg	gtattggata	gaagctaaag	gaatctgttt	gtgaacgctg	ttattaggtg	600
ggactgcgtg	ggaaaatttt	ggttcccatg	ggatgatatt	cctggtaatt	ttaaaactgt	660
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<210> 5848

<211> 644

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(644)

<223> n = A,T,C or G

<400> 5848

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cccccaattc	aacctgaaga	ccaatccctc	caacaagaac	aaccaacatt	acaaaaccga	180
ctccagtc	acacccacaa	ctgccccttc	tgcacccacc	tctcctcgc	acaccccg	240
gacatccct	ccctcccaag	cengaaacac	cccgccaaa	acaaagccat	catctgcccc	300
ctcccaacat	caaataccct	cgaggacacc	gactcctcta	acctacagga	acactacacc	360
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ttcnagaaga	gatngtttct	gcngtgtgga	cggtgtcggg	ttgtgggtgg	gtattttctg	480
gaacgggtgt	ttttccaatg	aactctgttg	ctgcttctgc	ttccgggggtg	atgggggaagg	540
cgaagangac	caagagganga	naangtcttt	tattttctcc	ggggcccttaa	agaaacccgg	600
gtcatggggg	attaaggagg	ttaaaggggg	tataaaaatg	gagg		644

<210> 5849

<211> 822

<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(822)
<223> n = A,T,C or G

<400> 5849
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agaggcgcca gaggatgtcg ccgccgcccc caacaatgtc aatgcccagc agcagaacat 180
tctctgcctt gcgggcatgc acccaggcta catgaccaac gaacagcagc agcagatggc 240
ctactaccaa aatcttcagc agcaacagca agctgggtggg cagtaccccc gaatgcctgt 300
gggcaaccgg atgcgcgcgc agcatcaacc cactgcataa acgggtgggtcc ttgcttctgc 360
gtaatatgtc ttcagaagcc gcggaatcca gatgtttgtt gtttcgcgtc ttcgttaact 420
tcacatgtg cacttcgcca ccctgggctt tcttttgata cccagcgaaa tctgaattct 480
cttgccccgc aattgacgct ctaaaatgcgg tttccgtcgt ataccagcaa cataacatga 540
acaccaaagg tgcccttaact tgtaacctgt gtatatcatg agccgttgat tcaacgttga 600
ggagtctgcg gcaccgttct tgtgctggca agattccgat tctctttatt ccgagggtcat 660
acaaaactaa ggccttaaaaa tgaaaagaca aaaaaaaatt cgggaaaaaa agttcaactg 720
acgatgaaac acgnaagatg cnaagcgtg gtctctgggt ccgaagctat taaatggttt 780
cttcacgttc atctaattat ctgctagacg acaagtggaa gt 822

<210> 5850
<211> 669
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(669)
<223> n = A,T,C or G

<400> 5850
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tggcagcaga gaggcgagga caaccgctcc cgtgacgact atggatcgcg tgaccagggg 180
agcgaccccc catgggctca gagcagccgt ggaggcgatt atggatatgg ctgcaggggc 240
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ccgggtggac aggctgcgta tggctatggc gcttatgggt gatacgtccc tctgttctct 360
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atgccacctt tgtactacgg ctctgggtggc agnccaccac cggcaccccc ttctttctgnt 480
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gagttgaatg gggcatgctg gcaaaatcct tggetttcct ttctttggat actatgggag 600
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tgagggtcc 669

<210> 5851
<211> 632
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(632)
<223> n = A,T,C or G

<400> 5851
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atggcagcgt	tagtcggggg	caccatccgt	ttactttgat	atacgaaaca	ggaaccgatt	180
ccgttcctcg	atgtgacgca	cacctagctc	tctatggtaa	taccaagacc	gtgagcatgc	240
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ggaccattag	aacccccctt	ggctaaattg	gcgacgtacc	tgtgcctggt	cgagcaagtc	540
tgctattgga	tttgccgggg	ggctatttta	ttcttggtat	tgggcatggt	cttctacttg	600
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<210> 5852

<211> 644

<212> DNA

<213> *Aspergillus oryzae*

<400> 5852

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tctgtctca	ccggcgctcc	gccaaaagta	ctgtgaaagc	cgggagaggc	agctcaagta	180
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tgcttcaaaa	cgaccttgaa	gtccgtataa	agcttcctgg	tggcgctggc	gatggcacta	420
atcgagaggc	atatgtgacc	gatctggacg	tcgagacgct	aaagcgcgcg	gaaggcatcc	480
tgaacgctac	tgaggaagaa	cggggtcctt	ggctagatgg	accctctacg	aagatgattg	540
ggtcaccggc	catgccgttg	cccagcctgt	ctcgtcctta	tgaaagagag	gtagatattg	600
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<210> 5853

<211> 1028

<212> DNA

<213> *Aspergillus oryzae*

<400> 5853

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tacggcaagg	acaatgtccg	cgtctacaag	gttcacaagg	acgagaagac	cgggtgtccag	180
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cggatggaca	ttgacggcaa	gccacaccct	cactccttca	tccgcgacag	cgaggagaag	480
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ggcctgaccg	tgctgaagag	caccaactcg	cagttctggg	gcttctctgcg	tgacgagtac	600
accacactta	aggagacctg	ggaccgtatc	ctgagcaccg	acgtcgatgg	ccacttggca	660
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gcattgccact	atgtacaaga	tggcagagca	catcctggcg	cgccagcagc	tgatcgagac	840
tgctcgagta	tgtttgcta	acgagcacta	tttcgatata	gacctgagct	ggcacaagg	900
cctgcaaaaac	accggcaaga	acgacgaggt	cttctctctct	cagtcggacc	ccaacgggtct	960
gatcaagtgt	accgaactgc	ggtactctct	gaagactaaa	ttgaagacaa	catgattctc	1020
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<210> 5854

<211> 578

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature
 <222> (1)...(578)
 <223> n = A,T,C or G

<400> 5854
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 ccatccacct cgtttagaggc tgtgggaggg tattttgtct ggatccaact acccccacca 180
 ctacaggcgg atgatcttgc gaccgtagcg cttcgagagt ataaggtgaa tgttattgct 240
 ggtaatagat tccgtgttca aggcgacccc gacactagaa ggaacagttt taaccgaagc 300
 atacgtcttt gtttcgcctg ggaacatgag gagaagttag cgggaaggggt gcgccgactt 360
 gcatgcgcta tacgctccgc attgaaataa actcttcgtc ataaaatcac aacgtattgc 420
 gagggacaga tttcaagaaa ttccaggtcg caacaaccaa ggggtggcgg cggatcgatc 480
 cgctccggtc cttgngcaga catttcttgg gtttttgatg tggttgcgta ncggtcattg 540
 gtgcaangaa gggggggttct gcccaattagc aagtgagn 578

<210> 5855
 <211> 700
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(700)
 <223> n = A,T,C or G

<400> 5855
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 gcagagtctt cctccaggat ccacgcttca atgaaacatg gaacaaaactg attgtattct 180
 cgctgggtgga gtacgaccgc atcgtcttac tagacggaga tatgctggtg cgaaagaaca 240
 tggatgagct gatggacgtg ccaactggacg ggccgggttc aggattaagc agcaggagga 300
 ataaacagga gagagtattc gcagcgagtc atgtatgcgc ctgtaatccg ctgaacaagc 360
 cgcattatcc caagacttgg atacccaaga attgtgccta cacaagccag cattccgcatc 420
 ctgtccggggc gcagacatcc ggcgctccag ccgcgaccgg tgtgccatgc tgaatagtgg 480
 cctcttagtc gtgcgttcta ccatatcggc ctgggcggag atccangcta gacttcacat 540
 gcccgatcgc acggataaat acactttncg ggatcaagag ctctngtcng acgtgttctg 600
 gggtcnatgg gtggtattgc cgtatgtgta taatgcgcct aaaacgctcn gtgggaggga 660
 gtgcacgaca atatctggaa aaataccaag tgaaaatggn 700

<210> 5856
 <211> 246
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5856
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 cagatatccc aacacgccaa cgagccgccc ttctgtgggg cacaggcgag tccgccacaa 120
 caaccatcga gaacattgac gtcccgagc ccgggtccgg ccagatcctg gtaaagatca 180
 atgggaactg accttcttgc tcaagacaaat ctctctctga tgatgattgg agggatttctg 240
 ggggtga 246

<210> 5857
 <211> 663
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5857
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tctactcacc	cgtgggtgtct	tctgtccatgt	ctcccgtctgc	cgttccttcc	tcacctcaac	180
caccccggtc	cgggtcgcag	aatcccacca	aatccgttcc	agccttccat	ctcagcaatc	240
tgccacgatt	tcateccgcg	gtctactcag	cggcgggttc	tcagggacaa	ccgacatccc	300
cacgtcaacc	gcggccatct	gcctaccgca	ccacctcggg	ctctcgggac	gcgatgtggc	360
agtatcagga	actcgtcgag	ggtgtcacct	tgtcgaagac	acctcccgg	ccactctcgc	420
ccagtcgcgc	tgtcctcgc	ttggaccctc	tccgcagtc	tgggcccgtc	acccccctcg	480
ccctggagga	ggccagtggc	tacctgatct	cggggacgtc	caatgcttcc	gcttttgctt	540
cccgggacgc	cccattccgg	ccggcccccg	acttgatcga	ccggctgac	gtccgcgaga	600
ccgagcgagc	ccgtcagaat	gccaaagaaag	gcactaagac	tagatattga	cgttcgccgt	660
ccg						663

<210> 5858

<211> 698

<212> DNA

<213> *Aspergillus oryzae*

<400> 5858

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gtattcgtgg	agatctgggg	taggttagat	agttgtttct	ctttttcata	gggtatgatg	180
aaaaaggtta	ggagtctgtg	taatgggatt	gtggaacgta	ccgcttccgc	aaattccaac	240
gaaagaagggt	cggatctggg	ttgttggttag	tttctgggga	tggttctggc	tatgcgttga	300
gcttgtgggt	tgtgattttg	cacctttact	tggccatttt	gacagacggg	ttcttcgac	360
tggtcgatgc	ggatgtctcc	acttccgtgg	aagccaactg	cgtgcattgt	agattattgc	420
gtgttgatat	tgaggagggt	tgatgatata	tattgtattt	gtgtattgct	tggtgacttg	480
atacctatat	atcattttta	ggttatgtta	cgtggtatag	gaactgggtg	ttgtgtcctc	540
attatttgga	tttttcagga	tctgaaggct	ctatttccatt	tttatattgt	ttatgtatat	600
ttttgtgctt	attatggaat	ctattattat	gaagatttat	atggatgtgt	atctttaaca	660
tttttatcat	tattacttta	ttgattctga	tgttcccg			698

<210> 5859

<211> 646

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (646)

<223> n = A,T,C or G

<400> 5859

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tttatcacta	ttcttgtcta	tcccagatgg	caacggttcg	gatcatgatt	gttttagcttg	180
gacacttgt	tttgatttat	cgactctgtt	gaccaggcca	cgattatctt	gcaattgcag	240
gacatttcta	tcttagagac	gcccgaacta	ctgctcacc	ccctatcgat	tgttttagtgt	300
tcataattgt	gtttagagatt	tgttttgggtg	acgcattggt	gcattcaaaa	tggctggaaa	360
catgggtgat	tacggccaaa	ttattgagta	tatccaagat	cgtctttatt	tggcttctta	420
tgacgaacga	ccggatgcga	gaactccatt	cccttatcct	tccgagcaac	ctaagtctcc	480
ttgtaagcgc	ttggcgagag	cccgccgaa	cccccacagt	aggaagaggg	gaagcccggt	540
gtatttccag	gtcgatgata	ccttggttta	caactctttt	catgcagact	tgggtccact	600
ccacataggt	catctgtacc	ggttgcgggtc	cattttccatg	aaattt		646

<210> 5860

<211> 671

<212> DNA

<213> *Aspergillus oryzae*

<400> 5860

ctgggttttc	ctccactttt	tatacggata	tcttctccga	gattgcccag	gagttccccc	60
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ggaacagtca	cgaatggcaa	tctcttcgac	ccacgggtcga	cggcattggaa	ctgttcccca	120
gcgttgacgg	cgatggaagc	gacggcaacg	actacaacga	ctaccgcaac	cacctcgtct	180
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cccgggaccc	cccatccctc	ctctacccag	cgcacaagta	cgaaagcgaa	gacatcggca	360
gaactctccc	gctcatgccc	gccatcgagc	aacccaacag	cggtctggaag	caccactggc	420
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cctggatcga	gcggacgata	ggaaactccg	ctggatggca	atgggggtac	gcgatctggg	540
acgaggaacg	aaatgcggcc	ggtcaccgcc	tttaattccc	attctccaaa	aaaagtatca	600
tctcttagaa	atgggaaaga	aaagaaaaag	aatgcatacat	ccgtgaatcg	aacaccggcc	660
tcatacatgg	g					671

<210> 5861

<211> 781

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 5861

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gggcgtgtat	caagtttggt	cctttaccaa	cgtgatcttt	gcctgtatgg	gtagctcaaa	180
ctctctgttt	ctgtatcccc	atgtccgtgt	tccgatcaaa	agctgggct	acttcttctt	240
gagtgttaac	tttttgtgtg	tgtctggggg	atgtatcggg	atcagcaacc	acgtcacgat	300
cgggtacaag	catgccgcgg	agttctgggt	ggaacagggt	ctcttcata	gtacgagtag	360
tgccttcgca	tctataaca	ggacgggtatt	tgcgtcgctc	atccccctgtg	gatccgaagc	420
acagttcttt	ggtatggaaa	ttacgttgga	tcttgccact	ggatggatta	atccccctgt	480
gcagggcgtg	attcaagatc	atacgcataa	tctaagggtc	cccatgatcc	ctaacgtatt	540
gcttattttt	gtggcgggct	tactgtacgt	ctgggtggac	attccgaagg	ggattgagga	600
tgcgaagggt	cgttgagcgc	aggctaaaagg	aggcaactaa	tgggataccc	aggggaattct	660
gtcctacgag	cgtcttgtga	gacagaaaagt	cgattatttt	gtcgttgatt	ggaatgaaag	720
gatcttctcc	tctaaannan	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnntttcc	780
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<210> 5862

<211> 1094

<212> DNA

<213> *Aspergillus oryzae*

<400> 5862

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ggacaagaat	gtgtaccttt	acgagctgcg	cgatgaaaat	gggaatgtag	gagaaggcaa	180
actgttacag	aaattcgagc	accgtgctcc	agtacttgat	gtgtgtttcg	gcgcaactga	240
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aacccagacc	gtgcttagca	gccatgaaac	aggagttcga	agcgtcgttt	acagcaaggc	360
acacccaactg	gtgatatacg	catcttggga	ctccacatta	cacgtacatc	gcatacatgc	420
cccagaactct	ataccgtcga	tcattctctc	cccttccaag	cccttctccg	tgtctctcac	480
tgttaacgaag	ctagtcgctg	caatgggttc	agcgcggttg	catatctatg	atctgaaggc	540
gctgtctctc	ctcacagctc	agttggatgg	taccgttccg	aacaagggtg	aggtccagcc	600
gtggcagcgg	agaaaaagca	gtcttaagtt	tatgacacqq	tgcgtaacat	gcatacctga	660
cgatgngggg	tacgtttttt	cgagcatlga	gggtccagtc	gctgtcaaat	ggtttgattcc	720
ttccccgtaa	tgcgaagcgc	gaaaatacgc	tttcaagtgc	catcgccaga	cggtgatga	780
tgtcaatgtg	gtataccccc	tgaccaccct	tgccttcacc	cggtacatgg	aacctttgca	840
tttggagggtg	gtgacgggtg	ggttgctctt	tgggatggca	tggaaaaaag	aaaaatcggg	900
ctgtcttaaa	aatccccatt	ttatggttcc	tgcggggatt	ttaatgggaa	ggggaaaaata	960

tctccaaatt	ggtgacaccc	caggggtttaa	aaaggaaaaa	aaaactttgt	gaggggacaa	1020
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gactttctca	taat					1094

<210> 5863
 <211> 693
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(693)
 <223> n = A,T,C or G

<400> 5863						
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ggcgccaaca	atgccattgc	acagggcgcc	tggaagcact	acgacgcggc	aaagatgycc	180
ggactcccca	cagcagtgc	ggctcgtcggc	agaagatggc	aggaggagaa	ggtgctcgga	240
tacatggaag	cagtggagaa	ggcactggaa	cagtaccggg	atccggcgac	cggggagagc	300
ggcaagtata	ctttgattga	acttgactaa	ttaggttcgg	tgaggttaca	ttgaatgggt	360
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gctttttgcg	cctatcactt	atagtataag	tgctggtgac	atcattntct	cgcccgatag	480
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<210> 5864
 <211> 1045
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5864						
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ctctcagtc	ctgcggctgt	tgtccaccta	cctttctccc	aacgtctccc	taaaaatact	180
ccttactacc	cttatataca	ctgaaataact	ttcacgctcg	tcacatgca	gatcttcgtc	240
aagactctta	ccggcaagac	catcactttg	gaggtcgagt	cgagcgacac	tatcgacaac	300
gtcaagagca	agattcagga	taaggaaggc	attcctcctg	accagcagcg	cctgatcttc	360
gctggcaagc	agcttgagga	tgggcgtacc	ctctctgact	ataacatcca	gaaggagtcc	420
accctccacc	ttgttcttcg	tctccgttgt	ggaatgcaga	tcttcgtgaa	gacctcact	480
ggaaagacta	tcacctttga	qgttgaqtca	agcgatacca	tcgacaacgt	taagagcaaa	540
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acgctggagg	ttgaatcatc	cgacacgata	gataatgtga	agtcaaagat	tcaagataaa	780
gagggaaatc	ctcctgacca	gcagcgtctc	attttcgcgc	gcaagcagct	cgaagatggc	840
cgcactttgt	cggattacaa	catccagaaa	gagtctacat	tgcaattggg	cctccgtctt	900
cgtgggggga	tgcagatctt	cglttaagac	ctcactggca	agactatcac	tttggaggtt	960
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ccagaccagc	aacgtcttat	ctttg				1045

<210> 5865
 <211> 1275
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc feature

<222> (1)...(1275)
 <223> n = A,T,C or G

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gccttgggct cgagggcatt tgcccccgcc cccaagggtcc aacaagttca gcgccggaat      180
ctccaagatg tcgcgatcac tagaacggga aagccgatcc tgaagggtcca ggggtggacgg      240
tcgtctcttg gaggtcacac cgccactgtc ttccggtgcta ctggtttcct cggtcgttac      300
attgtcaaca ggctcgcttc gcagggatgc acggtcggtt tccctaccg tgaggagatg      360
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<210> 5866
 <211> 643
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(643)
 <223> n = A,T,C or G

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gctctcttca gcagtttttg tttattcccc ggactttcat cattttcaac cccgtccgcg      180
tcttgccgcc tttgtttccc ctgttccctc cctccttca atcctctcag cggcatgtcc      240
aaggcaactt tcgccgcaat cgcccgggct agcgcagcca ccggagctgg tcttacagcg      300
ctgctctatt cctcttccct cctcgggcc caacagcaac aacaacaaca gcagcagcag      360
cagaagctac ctccatcagc accagttacc tcgaccactc ctgtcccgac ccaccgaca      420
gccccgtcac tcgccgcaaa atacctcgcc ggaccagtcg acccgctccg tatctaccag      480
tatggctttc ccggccccgt cgctgatacc ctgctctcaa ctctcttgc cggcgcatat      540
gaacgtcgca cgcgcaattc cgcttggtta ggcaacaca tacaccggct tcgcttgca      600
tgaagaacgc agaccgcaaa cacaggacct ttacgaaga car                                     643
  
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<210> 5867
 <211> 673
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5867
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cgaattggcc accaagcaga ttttatccat tgccccgatc ttagaaggtc agaccgagtc      180
ctctcaatac caaatccac ctcacaaaga ggggcgtgag gcggctccac ctgaccacaa      240
  
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cggcgctgcc	ccqagcgcag	ctcagcccg	ctcctccgga	ggtgaaaagc	tccaagaggt	300
gcagcgcaaa	gacacgcgaa	catcggacgt	tgacaccttc	gtggacgcca	aaccttgatc	360
gtattcccat	ggggatacgt	gtgactcaca	tctcggtggg	ttagtatcta	acgaccgcat	420
ctcggacca	atacaggtct	cggagggtca	atgagatgaa	ttaaaaaaag	agaagatcga	480
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ggagcaaatg	aagggaacgt	actgactgac	ttagccgtac	atcagaaggt	actggcggac	600
cctacgactc	caggcccttg	tcgatcaaaa	ccagggtttac	gaccgatatg	ccctaccgga	660
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<210> 5868

<211> 691

<212> DNA

<213> *Aspergillus oryzae*

<400> 5868

gcaccaccag	caaaacctct	cctactgggt	tcattaccag	cactaccagc	agtactaccg	60
gcagcaccac	tgactccacc	gaatccacca	ctgggtaccac	caccggcact	accaccgggt	120
cttctctctc	ggaaactggc	tctggctcca	ccactgctga	gtccagctcg	agcaccgggtg	180
catccacgac	tgagtcttct	gtctccgggt	cttcttccgg	cgtgggatct	tctactggcg	240
cgggatcttc	tactggcgcg	ggatcttcta	ctgggtgctg	atcttctctc	ggcgcgggat	300
ctgcctctgg	ctcggcttct	agctcggcgc	ctgggtgctac	atccaccggt	cctctctcca	360
actccgctac	aacaccttac	ggtggatctt	tcattgggct	catgacggtc	atgggcttga	420
tgaccgccat	gttgacgctg	tgattggatc	agtttttgtt	tttgtttttg	ttttactgac	480
ctaattgacc	catggcggat	tttgtaattg	atgggattta	tgacgctttt	gggagaccac	540
gctctctttt	atgacctgct	gattcatgta	tcgttaattg	tagccttagg	tacatacata	600
ccacacacac	actaactata	ggaagaagaa	tctttactag	cttatattta	agctcgggtg	660
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<210> 5869

<211> 1370

<212> DNA

<213> *Aspergillus oryzae*

<400> 5869

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tttgacccgc	gctatcggtc	cctctgggtc	ttccactggg	cagcacgagg	cccacgggtg	180
ccgtgacggt	gacaagacct	actgggggtg	aaagggtggt	ctcaaggctg	tccagaacgt	240
caataagacc	attgccccgc	cgtcatcga	ggagaacctt	gatgtcaagg	accagtccaa	300
ggtcgatgag	ttctcaaaaa	agcttgatgg	atctgctaac	aagtctaacc	tcgggtgctaa	360
cgcctactct	ggtgtcagct	tggccattgc	caaggctggg	gctgctgaga	aggggtgtccc	420
tctctatgct	cacatctccg	accttgctgg	tactaagaag	ccctatgtgc	ttctgtctcc	480
cttccagaac	gtcttgaacg	gtggctctca	cgttggtggc	cgtctggctt	tccaggaggt	540
catgattggt	ccttccgctg	ccccctcttc	ctccgaggct	cttcgccagg	gtgctgaggt	600
ctaccagaag	ctcaagactc	tcgccaagaa	gaagtacggc	cagtctgctg	gcaatggttg	660
tgacgagggg	ggtgttgctc	ccgatatcca	gactgctgag	gaggcacttg	acctcatcac	720
cgaggccatt	gagcaggccg	gttacactgg	caagatgaag	attgccatgg	acgttgcttc	780
cagcgaatto	tacaaggctg	atgtcaagaa	gtacgacctt	gacttcaaga	accccgacag	840
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caaataccac	attctcgtcc	atccaggctg	ccaaggactc	ctacgctgac	aactgggggtg	960
ctatgggttc	ccacgggttc	ggtgagactg	aggatgtcac	cattgcccag	atcgtctgtg	1020
gtctccgctc	tggccagatc	aagaccgggtg	ctctgctccg	ctctgagcgt	ctggccaagc	1080
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acctgacaca	ttatcgaaaag	atgggttgga	tcgggaccac	actgcatacc	cgggttcccg	1260
ctacttgcaa	cctctgagct	gcacaaaagc	ctacagatga	tattctctta	agattttatga	1320
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<210> 5870

<211> 305

<212> DNA

<213> *Aspergillus oryzae*

<400> 5870

ggcaccgtca	catggcaata	accagtatgg	tggatatgga	ggtcagccag	ggaactatcc	60
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cgatcagcaa	cctcatacc	agcattcctc	gtatggccag	cagcagaact	atccccacc	180
ctacagcgcc	ggcccccaac	aaggcggata	tcctggcgac	tatggccacg	ggcaaggctc	240
atacatgaac	ccaccacaag	atggtggcca	ctctccctac	ccccagcagc	aatatcaaca	300
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<210> 5871

<211> 657

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(657)

<223> n = A,T,C or G

<400> 5871

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ggggtgctcc	ctcgaccctc	accacttcgc	tgataagcgg	tccgacaacg	tcaccagcct	180
cgcagtcctg	ctatgcgacc	accgatcctc	aacgagtggc	atccaatatt	gaacatgtcc	240
tgttggaat	gtcctctcca	agtcaagatg	gtggcctggt	cagcgccagt	ggcaattctt	300
cgggttctac	cggcaagggt	atcttgatcg	gcgtcctctc	agccttcgga	tctgcagcag	360
ttgcagtgtc	tgttcttgcg	atattctctt	ttctcaagta	tactcaacgt	ggtagaatta	420
ttctggaccg	cattggggcg	cgggttgaat	atgatgatga	gcaagcgttc	ttgcgcgagg	480
agacttgagg	cttagaggcc	atggatgatt	tgtcgcggtc	cagtatcttt	gagggcaatg	540
cattcatcga	agccaacccc	gcgatttoga	tgccaaccga	tatttctctc	tcagtnctct	600
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<210> 5872

<211> 671

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(671)

<223> n = A,T,C or G

<400> 5872

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tggtggacca	ctgatgatga	tatccgtggt	tgggtccgcg	aggccgactg	cgaggatgaa	180
cttaaggacg	taacgttcag	cgagcacaag	gtgaatggca	agagtaaagg	gcaagctttt	240
attgaattca	ctacgcttca	ggctgogact	gcbaaccaaac	acaagctcga	atcttccggg	300
angacaggac	ggaagtactc	tggttaactat	acbaaccccc	aacbaaaccc	tttcgcgcaca	360
cttcggaagg	atgcacctat	gcgaaaaggat	aaccaggctc	ggtcgatgtc	tggaggcttc	420
aactcgccctg	cgcagaacat	gaactttggg	atgaactaca	tgggtgggtg	tggcngtggc	480
ttccgtggcg	gnctggggng	gnttcaactc	tcggnggtgg	catgaatann	ntacatggag	540
ggttcanonn	ncngnaattt	cagaacccaa	tggcctttca	aaacccgatg	qctggaggct	600
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ggggcatgcc	n					671

<210> 5873

<211> 693

<212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(693)
 <223> n = A,T,C or G

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ccgttaagaa ggccgctgag aagcccgtcg aggctaagga ggaggccaag gaagaggctg      180
ctcctgctga ggagaacaag gacaacaagg ccaagagccg ctcccagtcg cgcaagcgcg      240
ccagcatttt cggaactctc cgtggcaaga aggaggagac tgaggagaag aaggaagggtg      300
acaagaccga agaggccaag cctgctgagg ctgctaccga acctgctgct gaagcttccg      360
ccctaccga gactactgag gcccccgctg ctctctgctga gcctactgaq qccaacgaag      420
acaaggaagn gaaggaggag gaaaagaagg aggagaagaa ggaagagaag aaggtgaga      480
ctaagtccaa ggcacttct ctcttcggca acttcttcca gaaggctact ancccttctc      540
acgagaagtc tgagaaggag gccaccgcac ctgctgagac ccccgctgtt gccagcactg      600
ctctcagct cgacaacct gtcgaggagg cttccgtgaa gccatctagc ccgagactgt      660
gaccgcccc tctgaagctg aggtgctaa tga                                     693
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<210> 5874
 <211> 661
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(661)
 <223> n = A,T,C or G

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<400> 5874
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cgtctacgtc tggctccgtg gtggctccgt tggctcccaag cagaccgtcg aaccaggcaa      180
gtcctacagc gagcccttcc gccacgacga tgctccggcg ggctctccc tgaagatcac      240
cacgctcgac aacggtctct acaacggcag tcccagctg aactacgcct acacgcttga      300
caacgcggcg gtgtggtacg acatgtccga tgtcttcggg gaccctttct ctggcagcgc      360
agtggtcate aagccatccg acacctcctg tcttctatc tgctggccac agggcgcttc      420
acccggcggt agccagggtg aggtttgcca gagtaattcg gatgaggtct tggagctttg      480
tgccgaggag tgtaggggtg ttgtatgagg ttgaatgaat caattcgtca cggttaacaa      540
ccttatgtat tgtttatgtc tgggtcatgg gattgggtta cttaatgaat actggaact      600
atgtgataat gatgaactct gtatgtaaaa gaatttagca aatgaaactt gctctatgct      660
t                                     661
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<210> 5875
 <211> 551
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5875
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gttttactac tactgcccac tgggaaggca gatcccaatc tgacgattc cgccaagaag      180
agcgccctaa tgcctagcgt tgagaacaag cacaaggaaq tcttggaagc cttactgtgt      240
gttggtctcg catgtacgga tgcgatggca gagaacgggg ataactgctct gttctataga      300
gttggttaaga gagatgtgga tataaccggg attctctctag aaatcggaat ggctaaccgg      360
gatctcgtct acgacggccc attcaaaccac ccactttcat acggggtaga gaataattac      420
caagatatcg tccaaatact cttgagcacc ggaaaggcag acccgatccc cgggctccaa      480
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gcagcaatct ccatgaagca aatagcaacg attcgcaact ttcttggcct taccagggtg 540
agaccctaac c 551

<210> 5876
<211> 716
<212> DNA
<213> *Aspergillus oryzae*

<220>
<221> misc_feature
<222> (1)...(716)
<223> n = A,T,C or G

<400> 5876
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agccattgcc caagatttga ctgtatgagc cgagaggctc acctttgtct atcagtcagt 180
atcatgatgg cctcggaaaa gagtttatgc tttagaggctt gagccactct aaccagaga 240
aatgctatcc tgtgaactag gcacttaaca aaccttatga aggtgcttga agacaatgtc 300
tttacctcat ggccattgca cataagtagt ccacagtagc actcaatgta catggcccat 360
tccattaagg aagacctaag gcgatatgaa caacagccag ggagctgcgg aagatggacc 420
acctaccgaa atcacacccc ttttacaatc tcctcctggg aaagaacgat attcagtttt 480
cagtaccaga cagaagcggt tgattattct cacagcagcc atagcgtcga cgtntcccc 540
tatctcagct aacatctact acccagccct caattctata gctgctggcc tggatgtatc 600
cagttcccaa atcaacctaa actatactac atatatgata tgtcaaggct tgggctcgac 660
cctcacaggc cegtccgcag accaaagctg acgtcgnccg gntacatcc tctgtn 716

<210> 5877
<211> 960
<212> DNA
<213> *Aspergillus oryzae*

<220>
<221> misc_feature
<222> (1)...(960)
<223> n = A,T,C or G

<400> 5877
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tgattcatcg ttgaacgaac cggatcatac acaatgcgta ccgcccaatt actcgtcttc 120
tcgggctca tgcctcatgag caacgtcgcc atgggcgccc agctggacca cgacgatgta 180
cccaatcgct gctgggatgt ctgcggtccg gtggtaggaa ttgcgcacaa atgcgacaac 240
atgcacgaca gtgacccgcgc cgagatqaat tgtatctgcg actggaagca ggcaccatcc 300
ctgatccctc tctgcgaggg ctgtatcgcg cagtatcgca gcgaacgcaa caacagggac 360
cacgatgatg atgacgacga tgatgaccgt aacccccacc acaacgatgc ctacgacatc 420
ctcaccctct gctccctctc aacaaccagc tacaaccgga ccgccgcagc ttccgccgtt 480
agctccgcaa gcgccaatgc caccgatgca acccctaccg caacttcctc gggcatctcc 540
gactccacga atgggtggctc ctccgggtaac tctaacagta attcggcaag caacaccaac 600
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gattcccttg ctgctgllgr cggactaggc tntcttggct ggtgtgtgaac atctcatdac 720
ctgatgacat taagagattg gatatggctc andcgcgaga gagcganga aaatatatgg 780
aaatcgattc acttgatcgt atggagatgg gagaatgaga tatatgaata ccgttcatgc 840
cactcatata tataccagc tggtnatga gttatgttac tcgaatatgc cctgggtgtt 900
tacttatcat gtggatatat tgaatcactc ctttgattgc aggggtctgt gttgctcacc 960

<210> 5878
<211> 676
<212> DNA
<213> *Aspergillus oryzae*

<400> 5878
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aaccgagctc ctacctcggt cctgcactac tctagccccc gctgtcatca atattctcga 180
cgccgcaaat cccaacaccc cctactctgg ccagcagttt accctcgagc gcagcggttc 240
tcccttggtc gataacaaga tctccgtggt gaccttcaac aacattcccg ccggcgccac 300
tggtgtgcga ctcgaaatcg aacttctccc cctgagcgac ggccaaatcg ctcccagcga 360
caccagggca gatgtctggt ctgcccagcc agtagacggc agctcgttcc ccacgtataa 420
ccatccgcca cacaaaagag aaatggctgc gacctacatc ttcccgaagg gaccaaccac 480
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gcagttgagt gaatggcaga gctcggctgg aagtgtcaat ttccagaact ctgttgggaa 600
tggcgcggat atcggttca tgttggttta caactgttaa actatgggtt gttgacgac 660
ccattgtgtg accact 676

<210> 5879

<211> 699

<212> DNA

<213> *Aspergillus oryzae*

<400> 5879
cagactttca tcagtacaac attgggcatt gtctcaagcc aatatagaca atgatactgc 60
caccgacggg gaacagaaaa gcgatccaga atttattcat gaaattctac tacgtcctgt 120
tgttcaggct gatgacgaaa agtcacgacg ccagttgcga ccgctgaccc gaaatatact 180
caccgaatcc gatgaattac ttatggctct tcacaacgcc cgcaatggtg gagtgggagc 240
ggacgacagc tcggcgagtg agtggcaaac agatacagag agtattgcct ctagcatctc 300
atcccgcag agaggacaa taaaaaatac cgctgagcga agtcaatcga ggggtagaaa 360
gcgcacacgc aggtcatccg ctcgaaagtga gtcaagccgt caacgttctc acagtgggca 420
tgcatacaagt ggacgagcac cttctcggtt tggtcacgt cgtcaatcaa aatcacaaaa 480
ctcaaggccg cggggggcgt cagctggcag cgaccgcaaa agatctgcaa gtcgtatgcg 540
tcttgccctc cgcagctgga gcgaagtact aggaatcgcc tctatgatcg gctttccacc 600
agcgtgata atgcgttctt cacaaagatg tgccgctctg tttcgtgagg atatggagtt 660
tcgcgttttg caagaaggta ccttacagca agttcgggg 699

<210> 5880

<211> 704

<212> DNA

<213> *Aspergillus oryzae*

<400> 5880
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cggattctct tgatgagatg acctacacgt cgcgacctac attaatgctt ccgctagtgt 120
ctttacacag ctcatctttt cgccagccaa gtactcatca tgctgcgccc cagcagcaat 180
tgactgcctt gggtgcccgg atagcctgac acaacgccta gctctatgag agcgaagcaa 240
ctccgtgaga tgagtgggtg gctagcgatg caaatgcaag tcttagaaga gaagataggg 300
acgcttaagg atggcacaga agctgttgcc tgcgttcttg ctaactggga caatgttcta 360
cggctcgatta acatggcctt cacagaagct gtaaatgtat aaagaccgac cgtgcaaaat 420
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gcatagtcac ttcatgatga gctcttctg atatcgccga tcaaacagaa gactccatga 600
cacacggcgc tcgaaacgga taactagcgc taactgtatg aattcaatar agtatcaaac 660
tcactatagt gtgaactaac caatagggaat gcaacatact cctt 704

<210> 5881

<211> 674

<212> DNA

<213> *Aspergillus oryzae*

<400> 5881
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gcaagccata	acgaaacggc	agaagaacat	gccacatgaa	gggaaagcct	aaatcgagag	180
gtgtttgggg	aaggtgaaag	ttgcagacaa	gtatttcgat	tataatgttc	tgtctggttt	240
tgacgatacc	aatgtctacc	ctgccttgat	cttggatgaa	attgacttac	taattaccat	300
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gctcttttta	tatttatttt	ttgctttttc	aatgtgggtt	ttctttcatt	ttgttattat	420
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<210> 5882

<211> 525

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(525)

<223> n = A,T,C or G

<400> 5882

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agaccgcgca	cgaaacgttg	ccagcactga	gctcgagatc	gtcatagtcc	agcattcaga	180
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gcccattgaaa	gtggggcgccg	ataacgagag	aattgtttcc	aaaacgactc	gggatacatt	300
caagtccaat	ccatcactgg	cagatgagct	caagagccag	gggatcacca	ctattgtagc	360
ctttgggatt	caaagttagt	gctgcgtgct	cgagacttgt	cgcggggcct	gggaagcggg	420
gtttaccggg	gggttggttt	aggaaagcga	tccaacttat	gataaccagg	ctactggggc	480
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<210> 5883

<211> 755

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 5883

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ctctgggagc	tcgccccctg	catccccatc	gaaccttgcc	caagatcgcg	agattgccgt	180
caaaatgttg	gatccctacg	tgccagcca	atacaggtgt	cttacaccag	cagatatac	240
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ctctatacaa	tttgtagcag	cgaaacacct	acggtcaggt	gatctgagcc	tcacgcttcg	360
cagcgccnag	gaggcagata	tcgagcggac	gcacgcctgc	tgggttaaga	ttttccaaag	420
cagattcagtg	attgacctcc	ctctctgggg	tgtggtgggc	cacgacatgc	ccttcaaatg	480
ggttgggggg	ctgtccaccc	cggcgcgag	acagcgagtg	atcaatgacc	tgttggccgc	540
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ggctccyggg	acggagtgcg	ncgcgatgg	ggtggaantc	acgcattnct	gagggcgnca	660
acttgccgga	tcgggtacga	accatntggg	gagtcaaaat	ggttgaagacg	tcctntacgt	720
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<210> 5884

<211> 666

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(666)

<223> n = A,T,C or G

<400> 5884

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ctaccctggt	cctccgactc	gaagaacacc	gcttccgatg	gaggccgcat	agcccccgat	180
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aataatatcc	tggacgcaat	caaggaggat	aagggaagcgc	gacgaaaatg	tgggaaaagaa	300
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gtaatggaat	acaaccgaga	taagacaatt	gagcggatca	agaaggagga	tgcagcaaaag	420
gttcctgact	tgaaggcaca	cggatggaac	cctcggtaaa	atggttagcc	actatggtgg	480
gaggaaaagc	acagggagag	aacgggtagg	atttgatttc	agcccaaaaag	ctctgtacta	540
catactacta	cctatcaaaa	gctatgccac	tccaatcttt	aanaaaaaaa	tntaaannaa	600
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<210> 5885

<211> 657

<212> DNA

<213> *Aspergillus oryzae*

<400> 5885

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ttccggaggg	catttgctct	cttcttgata	cggatttgta	caagttgacg	atgcaatgtg	180
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acctgatatt	aacgctgaga	gcacacgatg	tgtatcttaa	gacataggtc	aaatgtgtga	300
tcatatcata	tcacgagaaa	cgcgacacag	tagccgagat	atatacgaaa	tatgacatga	360
gacgataaat	gggacgtcag	gacaacatga	gagagattgc	ttgacgagca	ttcaatgact	420
gcgtgatgac	aagtcgtaat	aatgcgatga	cttgagcctt	cgcgtgcggt	attgccatgc	480
gacgacatga	tcacgtgagt	gtgatatctc	atcttatcat	gttgcgatga	tgttgacgat	540
gaagatatga	gtagatgac	atcgtcaaga	acttaacgta	tgtctcgaat	attgaatacg	600
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<210> 5886

<211> 732

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(732)

<223> n = A,T,C or G

<400> 5886

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gtcatcgatc	tggacaacgg	taagggtggtc	gtccgcagac	attctgacga	agtgcgaacg	180
aaoggyagtgc	tgatcgcaaa	gagttttctag	trcagactca	tatctangtg	catcttttgaa	240
tgagccttcg	tgggggggac	cgatcgtcaa	caccagtatg	atgagcacgt	caaagccgct	300
cctggagaaa	taccggtggc	tcatacggaa	aagggttaaac	cctaqaqqac	gtaagaacct	360
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tctgcgtcta	ggggctcacc	gatactactg	aagccggcac	tatggtgcgg	ttatctggtt	480
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tggggcttaa	actgaatggc	gcagtgctccg	gataccaaat	gacgtgttgg	aaccttctct	600

ggaaaccaac	taagtttcta	aaaacccccct	taattttacac	gcttggggggg	gtgtaggaca	660
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<210> 5887
 <211> 1151
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1151)
 <223> n = A,T,C or G

<400> 5887						
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cctgaccatc	taccggggag	cgcccggtgt	aacggggcgt	ctctgggcca	acgtaggagg	540
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tcattgacaat	ggaccagagt	tctggcggtg	tcgcgcagtg	ttcgcgagtg	ttttcgcgcc	1080
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accgctgggt	a					1151

<210> 5888
 <211> 700
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5888						
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gtggggatct	tcttggtgatt	caacgggggtc	agaatctgc	gccaaaacgg	gggttagata	180
taacaggtag	tcagtctacc	cctggctggc	gcgatggccc	gtgggtggcg	acagtgtctc	240
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tgggcaaaaa	aaaggaacaa	tgggttggtt	gcacgcttcc	aaccccttga	taacactact	660
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<210> 5889
 <211> 1045
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5889

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ccgtcggctg	atcgctaaga	tcgaggggtg	tgaagatata	cacaaggata	tgctccggga	180
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agtgggggag	tttggtatga	acgaatggaa	ccggctggcg	gatatacagta	ccaacactcg	300
ccgtacctc	accaggcctg	aagtgaagaa	gcaaattctt	gacgcgggtg	ttaagttttc	360
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ctatcacgtg	cgtcaagact	gtctttttag	ctttttctat	ttgaagtgct	gctctctt	960
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gagcgggtgt	ggatggccta	aaagg				1045

<210> 5890

<211> 1015

<212> DNA

<213> *Aspergillus oryzae*

<400> 5890

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atgtttctctg	tccgtcgact	cgtcccagta	tcgcagtgcc	cgcgcctctg	tcaccagtg	180
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categaatat	tccaaacgtg	gccattgccg	tttcagggtg	tggttaccgc	gctttgacca	360
atggcgcggg	tgctatcaag	gcattcgata	gtcgtacctc	caactccaca	gcccgaggac	420
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tcgtgggctc	cgtgtacatc	aacaacttca	ccactatcgg	tgacctgcag	gccagcgaca	540
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aatatgcggg	tgtccccatt	ggaatttttg	ggacctttta	aaaaaacgtg	acctccccgg	960
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<210> 5891

<211> 1323

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1323)

<223> n = A,T,C or G

<400> 5891

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aaagtacaga	tgaggagttg	cgggcgcgag	tcgaatccgc	tgagaaggca	ttcccagcat	180
ggcgggcaat	gagcgtgatt	gctaggcagc	agatcatggt	caagttcgtc	agtctgatcc	240
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atgccagggg	tgatgttttc	cgtggccttg	aggttgccga	gaccgcctgt	ggcatcacta	360
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ccctggcgct	gccatgatct	tggcggagct	ggctaaggaa	gctggcttcc	ccgctggtgt	600
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caacggcaac	tttgtcggtc	ccactatcat	cacgaacgtc	acccttgaga	tgacctgtta	1140
caaggaagag	atcttcggtc	ctgttctggt	ctgccttagc	gtccctactc	ttgaggatgc	1200
catcgacctc	atcaacaaga	atgaatacgg	caacggagct	gccatcttca	cctgttccgg	1260
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<210> 5892

<211> 1453

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1453)

<223> n = A,T,C or G

<400> 5892

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ggtgatgcac	ttggccgcgc	catgaaggct	gagatcgagg	accacaccaa	ggccctcgaa	180
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gacaagcacg	gagcattgac	ttacaatgac	ttcctgatct	tgccctggta	catcggtctc	300
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aagaaccttc	actacctctt	tgcgtctaag	cttccctcact	ccaagcaact	gatctgcgct	900
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<210> 5893

<211> 618

<212> DNA

<213> *Aspergillus oryzae*

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<220>
<221> misc_feature
<222> (1)...(618)
<223> n = A,T,C or G

<400> 5893
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gaaaaccagc aacgatatta tgaccccgagc ctgaatactc cccgccgaca tttaaactcc      180
gttcgatcgc tattccagga cagccatata tgtoctatac aacgccatgg taaactggct      240
cagtctcgcc gtgccgttcg cctacctagg tgttctaata ggctccctag caaccttctc      300
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<210> 5894
<211> 657
<212> DNA
<213> Aspergillus oryzae

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<220>
<221> misc_feature
<222> (1)...(657)
<223> n = A,T,C or G

<400> 5894
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gatactacta atacacctcc tctcttcgcc ctttatccgg ttctcctttc cgtccgacag      180
gctaaggggt gcctaattgg gtcccgtcac aatatcttcc gggtatcaac accggcgagc      240
tggatctcgc ggggtttcacc agcaaccatg cctctccgcg ccaaagtgac aaaccagct      300
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aagaagctca attccctgaa cgggtcaatg ggtcgaaaga taccctctcg actgaaggag      480
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gtgctggcgg agaccatgca accctcgctc ttgagaatga acacgggccc cgtggggaac      600
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<210> 5895
<211> 249
<212> DNA
<213> Aspergillus oryzae

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<400> 5895
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gtttgcagca gagggtgcca acgtgctcat caactaccac tccaatgtgg aggctgcgca      180
gcaactggcc gacaaaactc agaatgagta ctcggtgaag tgcacatcg cccaagctga      240
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<210> 5896
<211> 684
<212> DNA
<213> Aspergillus oryzae

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<400> 5896

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ctccaccacc	gtccctcggt	tctccgagaa	cagcatccaa	gccaacgacc	cgaaccccc	180
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cattcacaag	cagcccgtcc	ggtggaaaaa	aaagaaagcc	gtcagctgtg	acaggggggg	480
cggacccttt	gggcccccca	aaatctatat	caacacctac	aacccccaaa	ttgctacctg	540
tccgtactga	ggacggcttt	actcccacaa	gacagcaacc	ggcattacct	tgggagtcct	600
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<210> 5897

<211> 668

<212> DNA

<213> *Aspergillus oryzae*

<400> 5897

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aaaagctatg	cagcgcatat	tccggatact	tgcaactcgt	tgcacctaca	ggggtctatc	180
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atggagcgta	gtatctgcct	gtcaatacga	acgcagatga	ggtgcatgtg	ttatggaaca	360
aaggggggtg	tggccccatc	ttaagtcttg	aacctggacg	atatcattag	caaccaaggg	420
ggaacgctaa	cctgagacca	agaggtccag	gtagcaccgc	gataaagcca	gcgatgagac	480
taatcttgte	atatgattgg	ccatgggtatt	gtagtgaaga	aatatacaga	agtaaattcta	540
gcactgacga	ctacgatgat	getgattaat	gttcacatca	tcactgtgga	ggctagcatc	600
atgccgacgt	ttaccatata	tccgatcata	cttagtacct	agcttagggt	acattagggt	660
taacttgt						684

<210> 5898

<211> 1057

<212> DNA

<213> *Aspergillus oryzae*

<400> 5898

cggcaatgtc	ggaaccccaa	gacaccactt	ccccttcgac	tgcggctgct	cctattgccc	60
cgtcgacttc	gcattagcaa	ccccaaaacc	agtcaccgcc	tcaagtctct	gctaccacga	120
cactcctcgt	gacggcaacc	gcagccgcag	cgaccgcagc	tgtggcatct	ccccctgtta	180
atgggtgctg	gcgcccgcac	gaagagttgt	cttgtctttg	gcaaggatgt	tctgagaagt	240
gtcccccccc	agaatccctc	tatgaacacg	tctgcgaacg	tcacgtaggt	cgcaagagca	300
caaataatct	caacttgact	tgccaatggg	gcagatgccg	aactactact	gttaagcgcg	360
accatataac	ctctcatatc	cgagtacatg	tgcctttaaa	acctcacaag	tgtgacttct	420
gtggaaaagg	cttcaagcgc	cctcaggact	tgaagaaaca	tgtcaagaca	catgcagatg	480
attcggttct	ggttcgggtc	cctgaaccgg	gttcccgga	tccagatata	atgtttggag	540
gtaacccagc	aaaaggctat	gttaccgcta	cgcattactt	cgaacccgcc	ttaaaccccg	600
tccccagcca	gggttatgct	caaggagctc	ctcagtaata	tcaatctcat	catccacctt	660
aaacagcgaa	ccgtctctac	ggtaacgttt	actatgcgct	taatcagga	catgagggcc	720
ccacgcatac	tacgagtoga	aaaagcgtgg	atatgatgcc	ctaaacgagt	ttttcgtgac	780
ctcaagcgte	gpcagttoga	tccaaaactc	tacgcgcgat	ttggcaacgc	ctaactgggt	840
tacaaagcct	gtctcttcca	ttcttaaggg	gtggcccact	ccctgattat	aaacccatgc	900
ctgcccttgg	ggaaaagggg	gcggagttat	acccgtgggg	acatcctccc	gccccgggta	960
taatctcctt	ccatgaaaaa	cggcccgccc	aaaacgactt	gttaaaatta	atTTTTTTTT	1020
ggcggagagc	ggggatccct	tttttaaaaa	gaagccc			1080

<210> 5899

<211> 446

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(446)

<223> n = A,T,C or G

<400> 5899

gctttgaagt	gatcactgtg	aactacggaa	ccgatgctcc	tgccctgaag	attcacgacc	60
agaggactca	aagggttaag	aggtatattgt	atggacctgg	aagcatcctt	gttgcgcatg	120
ccgataatga	ggccatcacg	gtcggcgaa	tggaagaggc	ggtgcgtggt	tacaagagac	180
tcacgcgtgc	ttctctatag	gcgtttcaga	atgcgttgag	tacatctaca	tagccctaga	240
gtacttgggg	gtttggctct	tgtgtactgg	atctccgtat	tgggggttaa	ttatcaaggc	300
aagaggcggn	gtgaagaaca	cggttggtat	cggtcgctt	ataaacaatc	tttaaagctt	360
acaagttcgt	agatgttgag	agccttgta	gaactgaacc	tatagtctag	attgggcatg	420
cgacttctgt	ataattctcg	atcagc				446

<310> 5900

<211> 614

<212> DNA

<213> *Aspergillus oryzae*

<400> 5900

gatcaatctt	atcgatccgg	tgatataaga	agccactgaa	gtcttacatc	aagcatcatg	60
agcaaccagc	agaacaaccc	ccagtctcct	cgccattggc	acggtaacct	gggcgatcgc	120
tatgagcacc	acaacgtctg	ggtgagagga	ggccctcccc	agccatacat	ggcccgcagt	180
ccttctgctg	ccgaagcagc	aagtgccacg	gatgacagac	gtgagtcctgt	ctcatctagc	240
atgtcttccg	gctctaacag	ccccccaact	gctccgaaca	gaagacgggc	tagtcagggt	300
tggtcactct	tcgaaagtct	gacaaaccag	aagcggaact	ccacggatcc	tgcttcggcc	360
gcacgcgcgc	cgagttacaa	tgaccaggcg	cagcaggcg	gtttctttgc	gaagtgggtg	420
gatgggtata	ctcgtgggtc	gaaataagcc	atgggtcaagt	tcattgctgtg	aaggaaggca	480
gaatgaatta	ctggatggga	atttactatg	ttgaacgttt	atatgactgt	atgctgaaga	540
gtttggcgct	ggatcttgta	tttattcggt	cgtctacaag	catatcgtgt	taattgaagt	600
ggatatatat	aggg					614

<210> 5901

<211> 704

<212> DNA

<213> *Aspergillus oryzae*

<400> 5901

cggcgcgcac	aaactcgggg	ctattggaca	gtggactttt	gtcgggtctc	ctgcctacaa	60
ccacggggaa	ctcgtcgga	tccaccagtc	agctcacgtc	gattgaagtg	atcccgaagc	120
cgctcgctct	gttgctctct	attctgtcac	cctccgcgcg	tatctctctc	ggattggttg	180
acacgggggt	tcctgcgggc	gctctttcga	ctcccatgtc	caacgggttc	gaaacatcga	240
ccgccaatgg	aagctccacc	gacctcctga	gctcttcggg	tattctgccc	actatctcca	300
tcagtatccc	gccagctacg	ccgaacccct	ccgcgggcac	ctcctcgggg	gccatccggg	360
aaacccagtg	cctgcccacc	agcggcggtt	tcccaggatc	gtccggatcg	agcggctcaa	420
ccacatccag	ccgggtcctc	ccaggagcgt	ctacgggaac	tcaaactttt	accccgggac	480
cgctcggtct	ggcctacagc	ccggggcggt	ctacatctga	ccagtggtgt	cattccttca	540
acgggtctca	gtgggttcgt	tttgccgtcg	tccgtctcgt	cgacttctct	cctcgggttc	600
ttcgaaaccc	acggacgtgc	ccaccaaccc	aaggaaaccc	cgatttcgac	gaacacaccc	660
gaattcccg	tttttccacc	aacgtggacc	ccgaacaggc	acgg		704

<210> 5902

<211> 714

<212> DNA

<213> *Aspergillus oryzae*

<400> 5902

cttccgtcca	ttggcctcgc	gcagcatgtc	ctttcggcgc	atgttccagc	agcgggctgt	60
ggcccccatc	gctgccactc	ttttggctgg	aggtgtagcc	ttctatcccc	ggcgaaccgc	120
cttcgctgag	gagcctaaga	atgataggaa	accgatctat	gatgaacttc	cggccgatat	180
cccggaaccc	accaagtccc	ttcctctgtc	tcctcccaag	tcatctccat	tctcctcttc	240
gtccccctact	cccacagaca	tcttgactgc	tcaggtcoga	cacgcccgtc	ttttcctcta	300
cgaaaaactcc	ctcgccgcgc	agaactgctt	caacgaacttc	ctgtcccggg	ccctgcacat	360
cgagaacgct	ttcaccaaca	ccatcgccctc	gttggccccg	tcgcctgagt	ctggcgagcg	420
tctcctcccc	ggcggcgccct	atgtcatcgt	ctctgccatg	gccggttcta	tctgttcccc	480
caaccgtggt	atcctcctgc	gcaactgcctc	gccgctcgcg	ttcggtagcg	tggccgcctg	540
gaccttcctg	ccggtgacga	tgcgcaacat	ctccgacctg	gtgtgggagt	acgagaagag	600
gttcccgccta	ttgctgagca	gcacctctac	ctccgtgaac	gggctgagca	tatctggtct	660
actggcgctgg	cacacagccg	catgggcgcg	gccatgatgg	aagattagat	cggga	714

<210> 5903

<211> 686

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(686)

<223> n = A,T,C or G

<400> 5903

gatggaccca	actttttgggc	ttgccccctc	ttcgatccct	gccgccccgc	ccagtccttt	60
ccaagtctcg	tcacctccag	atgtctacca	acctcccata	cacacctcac	cgcctgtccc	120
tatggcatct	ccgccacctc	ctcggatgtc	agcacctccg	ccgatgagct	ctttaccaag	180
ccgctcgtcg	gacggggccac	agattcgggt	gaatccgctg	gttatgaagc	ctaattcaag	240
ccattctctc	ccagtcacga	cgccatttaa	aaactctccc	tataatcaag	cacattttca	300
gaaccaagac	tttgaaccaa	ttcattggga	acctagtga	tctcgcaa	gatcctcgag	360
tatatcccca	actctgatac	acaaataccc	caaattcagg	tcgccacgga	gcatacgtc	420
caaattcttt	tctcctatga	ttcgcgttca	atgacccccc	actacgctcg	ttgactagct	480
cctagactct	ctgaccggcg	ctttatcaag	ggcaggccat	catcgccact	ctcgacgaag	540
gatcttttga	ctgtgtcctc	tactttcggt	acaaatgaga	gttcacaccc	ccactcgctt	600
ncctaattct	tttcttccat	tatggatctg	gctggtaagc	tggtgcttaa	cgtctgtctt	660
gcgcggttga	tgggtatgag	cgtgaa				686

<210> 5904

<211> 707

<212> DNA

<213> *Aspergillus oryzae*

<400> 5904

gtcaggtgtc	taotttcgga	tggacggatg	actatatttt	cacggatggg	ttgagctacg	60
acccatccaa	gctgcagata	caacgacgac	atcgaggcgg	gctcaagtt	cctgcagttg	120
ttttgcatat	tcagatgtca	ctgcattcca	tttcacttag	ctcctatttg	aactcgcagc	180
cacgtgaggt	tgaagatggc	caagtcccac	gccgacattg	ttaccacttg	gccccgtctc	240
tgagactcat	gctacgtata	atctcaggag	tcgaatattt	gcactcgaag	ggcatagtag	300
acgggggatct	caagcctgct	aacatatttc	tgtcgtgtcc	ggaatctcga	gactctgaag	360
gatgcccctcc	ttgttcagata	gataacgaac	attcttccatg	gtaactcga	cctcgaatcg	420
gtgattttcgg	tctagttggc	gatatctccc	acttcaacga	gaatcagtcg	gacaatacct	480
ctttgcagca	tagaacgaag	gtgaatcgtg	tggttgggac	agagttctat	cgcaccaact	540
tgattcctcc	ttatgtagat	agccccgaga	actcagaaga	gaccggcagc	tggtacaaga	600
ttgacgagtc	tctggatgtc	tttgaccttg	agtgatcctt	tttgagcttc	tgtatcgctt	660
gacacaaaga	tagaaacgca	attcgtttctc	ggtgaactaa	cgcgctg		707

<210> 5905

<211> 735

<212> DNA

<213> *Aspergillus oryzae*

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<220>
<221> misc_feature
<222> (1)...(735)
<223> n = A,T,C or G

<400> 5905
cttgctccta caaaaatcac aatggaattc gtcagcaaac ttgccgaaaa gttcctcgac      60
aaggacaagt ccagcggcag ccaagaaggc tatggcaacc aaggcggcta cgggtggaggt      120
gaccagggat atggcggcgg ctatcctcaa caacaacagc attcaggccc tcaagtgccc      180
cccccatgga tcgcccgggt ggatggggag tcacagcgct ggttctacgt gaacgagcag      240
accggcgaga ggacctggaa ccaccagggc cagggcgggt gctacggaca gccgcagcct      300
tcgtacgggt gcggtgcacc ttacggggga gaacagtcgt atggccagca gccctcgat      360
ggctatggcg agtcgcgcca gggagatttc tatcagcagc aggaggagcc taagaaggat      420
cacactggcg cgaaaattgc aggtgctgcg gttttagggt ttgctggtgg agcgttggga      480
gugtatggtc tgcattgaagc gcatgaaaag tgggatgaga acaaggaaqa gtggaaacag      540
gatgttcagg atttccttga aaatgctgcg gagtggaccg gcgagaaggt cgggtgaagcc      600
gaagcaggct gggatcgtgc cgaggatcga gtcgaacaag ctgggataac gccgtcgata      660
aggtgaggac ttccccgaaa atgctggaga gtggaccggc gaanaaggtc ggagcccgtg      720
gaacgattcg gggac                                     735

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<210> 5906
<211> 666
<212> DNA
<213> Aspergillus oryzae

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<220>
<221> misc_feature
<222> (1)...(666)
<223> n = A,T,C or G

<400> 5906
cgcgctcgtc cttgctacat gtatgcatga gcatggcgaa aagacatgtc aggatgtgag      60
cccattcgag aacgctctct acgttatcaa tatcactggc aatttcaatc actctacacg      120
ctaactcgtgt gagcatggat aatctgtatg atctggctcg atgtacctac tatectatct      180
atgggatcaa gagctaacga acccagaaca gggaatttct atacatcgta tagagacttt      240
accagttgga ctgagacaat actaaattag accattgggc caatggatag catacctcag      300
aacactgtgc acacatcttg catccgtaca tctagatgaa ttctgttacc atgaacccta      360
tctacgcagt catgagcaga tgtgactcct gacgagccat caagacaatc gtgaacgaca      420
acaactaact ggacatcaga cagagcgtga tcatgcgtgg acgaggatac tagtttcgta      480
gctgatactg gcgatgagat ctctgcaaac gagctaagtg attaccaact gcacaatgcc      540
atctgcgtct atgaacacta tctcgacgac tacgatgagc atgcgggatn ggctgctgat      600
cgtaccatgt ctgactagaa tcgtctatga cacctgatgg ctgatgctat aaagcggacc      660
taactta                                     666

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<210> 5907
<211> 1170
<212> DNA
<213> Aspergillus oryzae

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<220>
<221> misc_feature
<222> (1)...(1170)
<223> n = A,T,C or G

<400> 5907
categactct tgtcctctta cgccccgtgc ttggctcgct gataccgctc cgtccgctgc      60
ctaategect cataaccact acctctcacc atgcctagcg ccacgggaga gaactgggag      120
aagtacaaga agaacttcgc cgatgatgaa gagccagaga agaagatcac cctctcaca      180
gaatctgata ttcaagtgct gaagacatat ggcgcgcgtc cctatgcgaa tgccttaaag      240

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caactcgaga	agcagattaa	agacaagcaa	gcaagcgtaa	acgagaagat	tgggtgtcaag	300
gaatccgaca	ctgggtcttgc	acctccacac	ctttggggatg	ttgctgcaga	caggcaacgc	360
atggcagaag	agcaaccggt	gcaggtagcc	cgtgttacga	agattattca	agatgagaag	420
gactcggata	agagcaaata	tgtcatcaat	gttaagcaaa	tcgccaagtt	cgttgacaac	480
ctaggagagc	gagtgaagtcc	gacggatata	gaggagggca	tgcgggttgg	tgtctgccgg	540
aataagtacc	aaattatgct	gcctctgcct	cctaagatcg	accccagcgt	aacaatgatg	600
accgctgaag	ataagcccta	tgtgacatac	ggagatgttg	gtgggttgcaa	agagcatatt	660
gctaagttgc	gggaagtcgt	ggagatgcct	cttgtttccc	cagagcgctt	tgtaaaccta	720
ggtatcgacc	caccaaaggg	tgcacttttg	tgcggacctc	cgggcactgg	tgagactggt	780
tgcgctcgag	ctgtggccaa	ccaaaccgac	gctactttca	ttcacgttat	tggtagcgag	840
ctggatcaca	agtatgtcgg	cgaggggtgct	ccgatggctc	gagagctggt	cgagatggcc	900
tgaacaacga	cggcgtgcat	tattttcttc	gacgaaatcg	atgccgtggg	tggtgcactg	960
tttcgacgac	tgtgctggcg	gtgacaacga	agtgcagcgt	actatgtcgg	aactgatcac	1020
tcaacttgat	ggtttcgatg	ctagcggtaa	tatcatggtc	atgttcgcaa	caaaccgacc	1080
gtcgacgcta	gatactgccc	tgatgcgtac	tgtacgaatt	gaccgcgaga	tcgagttgtc	1140
gctttcggat	gtananggtc	gaactgacat				1170

<210> 5908

<211> 1220

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1220)

<223> n = A,T,C or G

<400> 5908

atatcttcat	caactcttca	gactctctgc	acgcacatct	cgtcgatgtc	gatctaatac	50
acccctttctc	aatcatatat	tatcccatct	tttagtgact	ggtaacagca	cgcgcgcgt	170
tatgcgtttt	ttctcgacct	tcactcttca	ggactacatc	tcggatcatc	tctggaaagc	190
ttccggaaac	tactgaaacc	tttgtttcaa	gcaccaactg	tacactcttc	tactctaaac	240
tacttgacat	aacatgttgc	ctgcccgaact	cttcaaggca	atgcccgcga	gggcctctgc	300
cttcccttcc	gtgaacgctt	ctatccagtc	tcggttcatg	gcaactgtgc	gtaacggtcg	360
cgttgcccat	gagcgtgcca	ccttcacgat	ccgagatggg	cctatctttc	acgggaagtc	420
gttcggagct	cgtctataca	tctccggcga	ggccgtcttc	acgacttcc	tggttgata	480
ccctgagtc	ttgactgacc	cctcctaccg	tggtcagatc	ctggctcttc	cccagccct	540
gattggcaac	tacggtgttc	cctccgcga	gaaggaccag	cacggccttc	tcaagtactt	600
cgagtctcct	caacctcagg	ctgctgggtg	tgtcgttgcc	gatgtggccg	atcaatacag	660
ccattggacc	gcggtccaga	gccttgccga	atgggtgtgt	cgtgaggggtg	tccttgccat	720
ctccggcgac	gacacccgtg	ccattgtcac	ctacctgcgt	gagcaggggt	cctctctggc	780
ccgtatcact	gttgggtgagg	aatatgacgc	tgaccaggat	gaggctttcg	tggaacctga	840
gcagatccat	ctcgtgcgtc	aggttagcac	caaggctcct	ttccacgtga	gtgccgcga	900
tctcagtg	caagttgccc	tcategatgt	cgggtgtcaag	gagaacatc	tccgtagctt	960
ggtcagccgt	ggagccagta	tcactgtgtt	cccctacgac	taccccatcc	acaaggttgc	1020
ccaccacttc	gatggtgtct	tcactctcaa	cggccctggg	gacccactc	actgccagga	1080
gactgcttac	caactgcgcc	gcttgatgga	gacctccag	gtgcccactc	tcggtatttg	1140
cttgggacac	cagctgttgg	ccnttgccat	tggtgctcgt	accattaagt	tgaagtatgg	1200
taaccgtgct	cacaacatcc					1220

<210> 5909

<211> 684

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(684)

<223> n = A,T,C or G

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<400> 5909
gaccaacatg ggggaatcaa tgcacgcaa aatcgaactt caagcccccg ccgatttcac 60
atacctttat ggcaacactg tcgctctctc acgccccaaa ctcgaccttc atttaccacc 120
ctctgcaaac cctgaagatg gaccggatcc aatgcgcgag cgggtccgcg agctagtcca 180
tgagtacata ttacgtacct tcacatcggc ttccctcctcg ataagtatca acggccttga 240
ctcttcacgc cctcagtttc cctttccggc tgctttcact gcacctgcgg agacagtcca 300
gtacgaacca tatgacgggc atcttgcatc acgtgtgact tcgctctacg cacagttaga 360
atcgctcacg acgacagtgc cacagttaag acgggatgcg ccgcagcgtg cagcagagat 420
gtatgcagcg gaactgaaga aggtgttaga ggaggacgaa catgatgact tggagatga 480
ggaaattctg gaaaatggag aaaacaatga aaggcaaaaca acagaagacg ttgacatgcc 540
tgatgcagac cagaacctag agcagacttn cgagcatggg cccagtacga ctggctcact 600
ccggagaaca gcgaanacga agtggatnta catgtgcccc tggcaccgac catgaagcga 660
actatggcgc actggagaga tggg 684

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<210> 5910

<211> 695

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(695)

<223> n = A,T,C or G

```

<400> 5910
ccccacaggg ctgtatctaa ctattacgat acttcccag cgcagaaaag ctaatatctg 60
cgatacttcg accccgtatt ctgttttgct gccttaagaa acccctctga gaaccatgaa 120
tcgaagetct tcgacccggg gcccggtgcc ttctagctcc catacaatac aagcgtccca 180
cccccgctgc cgaaggccct cgcacctgc tgagtcttca gaaacccaag gcgagggacg 240
aaaacgtcgc cgtttgagta gctctaagt agcaactagg agtgctcaat ctgcattgga 300
tcaccacgac gatgacatcg aatctattga tttaacagag gtggaggggc cctcagcatt 360
agcgaagggtg ctagcgaagc aacgggagga cgctgttagg gcccaagaat ctgttgagcc 420
ggagaagggg caatcaatat taaactcata taagtgcctt gtatgtatgg atacaccgga 480
ggatgccact agcacaatat gcgggcacct cttttgccac aagtgcacga tcgacacatt 540
gaaattcagc gaagaacana gagcagatna cctcttcaaa ggtcctcgag gaacttgcce 600
cgtgtgcaga anaccccttg cccggaacga cgcgccangc tccaaaagga atctggtacc 660
ttttacactc aaacttgctc cgaaaaagag gaatn 695

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<210> 5911

<211> 665

<212> DNA

<213> *Aspergillus oryzae*

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<400> 5911
ggggggaaaa aaaaaatgaa tttggttttt tttttggggg aaatttttaa cccgccccct 60
tcogtttttg ggcccaaaaa aaaaaaaacc aggggggctt ttttttgaaa atttttgggg 120
cccggggtcc tttttggggg gaggggggat ttttaaaaat ttaaaagggc ttccccag 180
gggcgatccc ggggggggat cattttaaaa aattaccctt ttttttgaa aaaccccttt 240
tttgtttggg ttaaaaagtt tgcccaaaa atgccttggg aaaaaacccc caagtttttt 300
tcoggggtgg ggggaaaaaa aaaccccccc ccttttggg gaaaaagggg tgggggaaaa 360
aaaaagtggg gaaaaagagg gttcccttaa aacaaaaag ggattggggg gaaaaatccc 420
ccaaaaatgt tccccaaagg gtttttaggg aaacatgttt tcgggcgcgg ggataaaaag 480
aggggggttt gtttttttgg ggaaccccca ggggatttgg gaacgggggg ggttaatggg 540
aaaaactctt ttaaaaaaat attctcattt ccctgaagg gggggcaaat ggcccagggg 600
gggcaaaaat atctgtttt aatttgggtc aacggqgtt ggttaagaat gcgggaaaaa 660
tacc 665

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<210> 5912

<211> 672

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(672)

<223> n = A,T,C or G

<400> 5912

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gtacccctcc	tcategcctt	tgcgcgccct	cctgtgaatc	actcagtggg	tatggcttcc	180
tattcgaccg	gcagcgaggg	atttgcgcgc	gaaaagctct	cttctactgc	ggaacagtcc	240
acttccccgt	catcgtgggc	agacaagtac	cgagggggcta	ctgtcgaaga	tctggacccc	300
cctccggcac	tgtctgtctc	acctaacgac	ttagtctcct	cgcgcctgct	cgcagcctac	360
gaacgtgatt	tcactcattt	aacgggtcacc	tcttctacga	aacgatccct	acttggctac	420
ctcagcattc	cccggtcaca	gcagcttttg	aaagaaggaa	ctatcaaaga	atcagattcc	480
gtgtctgctg	ccatgcagcg	gtttaaccgg	aagcgggggc	tglaccaggt	aatcacaatg	540
gagactccct	tggaggaant	agagcaatcc	tgcgagagtg	aaaccgggtc	ccaatggcga	600
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ggtgaccaag	gg					672

<210> 5913

<211> 650

<212> DNA

<213> *Aspergillus oryzae*

<400> 5913

cttgttcgca	cacattgtat	gaggtcggtg	tgtctcgata	cgcttcgata	gagatcgggc	60
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cggggaaggtc	gttgaaaaaa	aaggctcgctg	ggtcagggac	agtcaacatc	cccttttcat	180
cctagaaatg	cttattaacg	agtgcataatc	agtttaaggtg	agcgactacc	tacatcgatt	240
gttatgaaag	gaggcaattg	gccgcgcgaac	ataccgcgca	ggctgttgcc	actagggggg	300
ataaaagcag	tcattgtatg	cagacgggtg	atcgccagtc	cgtctagggc	atcagtgcc	360
acaattccgc	cataggagtg	catgaccgcg	acaacagact	ttccatcgtc	aatgagcgac	420
tgtgccgtct	gtcggatgag	ccccacgtca	tccgacaatg	tcttcggcgg	gggggtacct	480
cttgttgcag	gttaaaaggc	gaggacagac	tgattttctt	cccaagtctt	caaacgcctt	540
gcgtacgggg	gattaaatta	cggtgatgcc	atgcgcccgg	aatgacaaa	atggtagggc	600
caggtatagt	tgtaccagca	tggttgtccg	cgaaattttg	taaaaaaaa		650

<210> 5914

<211> 872

<212> DNA

<213> *Aspergillus oryzae*

<400> 5914

gcattgcagag	ctggaagctc	ttcgggagtc	caaggctgcc	gagactgagg	ccgagcacag	60
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tctggaatcc	tccaacaagg	ctaaggttga	ggagcttcag	aagtcacacg	aggcggctct	180
cgcggaagtt	catgagcagc	tttctcacgc	gcaggcagct	gcccaggata	gctctgtctt	240
ggagcgccttg	aaggccacca	ttgcggaacg	ggagaagaa	ctgtctgctg	ctgagcaatc	300
cgttacggaa	togaaggaga	tgcgcagcaa	gtagggtgct	gagctttcca	ggatcgaggg	360
cgagaagaat	gagtgaggag	agaagcacca	ggcgtgagc	agccggggca	aggagctcga	420
agagttgggtg	gcggcttctg	ccagctccaa	gtcggaagcc	gagacggtaa	agcagcagct	480
gtctgcgtcc	ctggaggagc	tgtcgcaggt	cagaagcaag	caggaagcca	tccacattga	540
actgagcag	ctgaggagcg	agaaccgggc	gatggaggag	aagctcatgc	agggcgagag	600
qgaactgaac	galcagattg	acaagaacat	gtcgatgctc	aaccagttgg	gcgaagctga	660
ttcggcgatc	togagcagcc	gcaagcgcac	togtgagctc	gaggctgaag	tggcgggcct	720
gaaagccgaa	ggcaagggcg	caggccttga	cagtagccgg	tggcgagccc	aaagcgaaaa	780
aggccctctg	tggaggaaac	gccggtccgg	cctgcacgga	agatagcaag	cattcaggaa	840
cagcttaagc	acatccgcac	tgacaacgat	ga			872

<210> 5915
 <211> 677
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5915
 ccgttcagga atggattgac acctccgccg gactgggtga cttcagcaac ctgctcgcga 60
 ccgagaaggc cgacaccatg cgccatctct tcggtcttca tcgcgaccct tacatgttcc 120
 accaggccaa tcttcgcaat gtccggcggtg acccggttga gatcaacggg gagactggcc 180
 aatgggtccat catgcaggcg tgggtggaaa ccatgggtgca ggaattcgtg cgtctggtag 240
 actggccccat cgttaccatc acccaccagg agatgtccgc caacttcctc gaccgctaca 300
 accgtgatca gtgcaactac tcgctgcagt acaccatcgg caacaagcag attactgggg 360
 tgactctgag cgccaaggac aacacttgca atgcgcccat ccccgtcagc ttccctgtcg 420
 cccccaccga caccaagggc ttcaccaccg aacagtacgg cagtgaccca ctcaccgtct 480
 ggggtgcagct gtccgggtcc cccgtcactt tctccctctc gacccctatt cccttgtaaa 540
 tggattgaac gatattgaat tatgggaagg ctltgaagga ttccctggann alaatatcta 600
 atgttattaa tgggttccgg gtacgatttc gaatagggya agagatgaat gaaatgtag 660
 gtacatacat acatact 677

<210> 5916
 <211> 647
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5916
 caacaagtc agctcgttct ttgacaatat ctcgagtga gctaaggatc gcgaagaagg 60
 ctctgccgct cgtgccggtg gccgcgagtg gcgtgggtga gaagagaagg gtaacattga 120
 aaccttcggt caaggtagcg tcgacggcta tcgtggcggt taccggggcc gtggcagagg 180
 cagaggatat ggcgaggtc gcggtggcgg ctatgggtcga ggctactgtg gccgtggccg 240
 tgggtggtatg cgtggaggcc gtaatatgtc tcagtcact ggcgctccctg cccaaaacta 300
 gtgtcgtctt cggcatcccg acctgattga tcttcagtcg tatttcttga aacgcttagc 360
 gttgaatatt ccccttattt tgccctttct ggaagtgatg cgtgcttcca cggcctgtat 420
 ctgatattac cggcgctctg atggtacctt ctacgaata cttggcatac agtcaagatc 480
 tctcatggt tgggatgttc tatggttacg gtggggattg gtgaattacc tgctgggatg 540
 gttttgcgtt gcgcggcgtc gaattatggc gttctacata tgttgcatgg gttggtcatg 600
 gcctccattg cattgatcac atatcttgat gatcatcatg tgttggc 647

<210> 5917
 <211> 887
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5917
 atcagtcgct cttttttttac cggtcattca tttagtactc tcttttttct tcttaaactc 60
 cttttgtgtc aattgattca ggggccggat accaccaagc cacaaaagga attaccgtaa 120
 aggaacccca aaagaaagac aagaaaaatg cgttttctgc tcccccttgc cattgggctc 180
 acccccctgg cttccgccct gagcatcaac aagccgggcg ccaactcgac ctacgcgcgc 240
 ggatctaccg taacgggtcaa ctggagtaca gtggacactg accccaccga aatcagcctg 300
 tactgtgga accttqtlm ctggcctccg tcttaagttc ctctgggtca gaattatccc 360
 actgcccgatc agtcatactc ggtgcagatc cctgcgaca ccaaccccca atggggllal 420
 cagatcagcg ccatcaacgg gaccaatgtc tacattatct acgcgcaggg tgaccgggtc 480
 accgtctcag atcctgtaaa tggcaccagc tgatctgacc ccgtcacgcc acccccagct 540
 tcttcacccg gtgctccac caccggggtt tctgcttatt ttgtcacgac tccccccccc 600
 cggccctttg caaaatgccc ccaacagggc cggggctccg gtgggcccga aatcccgtag 660
 caccagacat attttgcccc ggggtaactt gggccaaaq tctggtcact gggaagcaaa 720
 aggtcgtgac gatcactatt accgtgtccg taactgctgc tccgggagac gaccaatgtc 780
 tttttgtttg aacacggcta tgcgtgttta aagattaatc ttactttctc gatactatgt 840
 atttgtatac tcgtttctga atggagatac ggtttcacca tataaac 887

<210> 5918
 <211> 651
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(651)
 <223> n = A,T,C or G

<400> 5918
 caactgcaca gaacatttca cctcacaatg ggtctcatca agggagtect gaagctcacc 60
 acctatggag ggctcgcttc ggccggcgcc ttctttctaca ccacgcgcaa tgacgtcttc 120
 gtgcccattgt cgcccacgga tcccatcttc cagtccgccc cctaccgcaa gttcaatccc 180
 gaacaaaacc caaccaccca cgacctctgc gtgcgcaaag tacctctgtc cgacattaac 240
 ccgaccttat tagagaagaa gggcaagctg gccgaagcct tctgtgctgg aqtctggagc 300
 ggctggggat atgccttcca acgtgcttac ctgcgcggga aataccaagg tcccgagacc 360
 gcgaaccacc tctgggaacg gccagaactg aaggcctcca cttacgatgt cggcaccctc 420
 attaccgacc acttcgaggt tattgagaag acccccgagc ggatggtagt ccgctgcggt 480
 gacagcccc gtaaacagga ctgtcgcgat tcagacggnn ctctcgaaat gtncgcccgt 540
 cgtaagcccg agaagggagt gcggagttag tttcagagct tgtctacaaa ggaaaaggag 600
 gctgacagcc accgatgccc ccgatatttc tggctgataa gcagatacca a 651

<210> 5919
 <211> 672
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(672)
 <223> n = A,T,C or G

<400> 5919
 ggaatttcat atatgcgagc gttcattgct ctttgtattt accgctatct tcgccttatt 60
 gtgaatottg catctttctg gaccttcaag ccaattctcc caccagagaa cccgaggctg 120
 accgcacaag atgtgactgt catccttctt actctcgagg gatgcggtga tgagctgggt 180
 gagacaatta gaacaattct cgacaaccat ccttatgagc tccttttagt gaccatcgag 240
 tcaaatcgga agaaagccga gagaatgttg agcttgatgc ccgcttcaaa accgagaatc 300
 cggcttttta cggtcacgca ccctaataaa cgccgccaga tgacgagggc cattccagag 360
 gtcogtaacg ctattactat cttcgctgat gatgatgtga gctggccgag cacagtactc 420
 ccttggtatc tggcaccatt cgagaaggat gagcgatacg gaggtgtagt gacatgccaa 480
 nggctnctgc gtgcttgca cctcacattt ttccagagag tttggggctt tttggagctc 540
 tttacttana gagagaaact ntgattgcgc ggnacgacg catgtngatg gaggtcttcc 600
 ntgtatgten ggtcgaaactg ttgcgtatag gacggacatt ctgcaagacg aaggctttac 660
 ttatgcttta cg 672

<210> 5920
 <211> 548
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5920
 ttgattgact acattgtttt tccccctccc tccacttggt tacgcgcgcaa tgacatatac 60
 ccgggtggat tctttcccac ccaatgttagc aatgccaaacc accgctgagc actagtcgat 120
 ttctccaagg aatcgatgct caggtgaatg accgggggac catqqaaggc tataaataac 180
 ccgctgaggt gccatcattc ttccaaggct cccaacccat gagcaccttg ttcgcttgac 240
 tctacaccaa tcaaatttaa ttgatccgat tcgtgacatc agaatgcctt tgtccggcca 300
 ctgtctgtgt aaagccgtca cctataaggc tgacgtcgag gcgcgcgtca tcaaccgata 360
 cgatcactgc gacgattgcc agcgtcagag tggatcaacc tattctctcg tcgcggtagt 420

acctaaggac	aaactgacga	tcaatggacc	caccaagagc	tacgcaggac	agggatcacc	480
aggcaaagca	gttcaccgga	ttttctgttc	ggaatgcggc	tcccctattg	cccacgacct	540
agagctgg						548

<210> 5921
 <211> 719
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(719)
 <223> n = A,T,C or G

<400> 5921						
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ccccataaac	gcgcgtacgg	acagctgggt	gagaataaga	tgagattagg	cttcaaccac	180
atcgataaac	ttgactttct	tgaagccttt	cctcaggcga	gagctcagat	atatactact	240
agtaatatct	gcagcgggtt	ctcagctact	ggtcttattc	ctttcaatcc	tgagcgtgta	300
ttatctcagc	tgaatattca	gctagaagca	acacctccag	gtagtagacc	tagtagtagg	360
ttactaatt	cagtgcctaa	aacgcctcat	aatctaaagc	aactacaaaa	acaggaaact	420
acactgaaga	agctgccttag	agctcgtaca	aagagccctg	attcgccctac	taagattgtg	480
ataaagcagc	ttttcaaagg	ctatgaacga	gctttaaatg	aagctactat	tgcaaagcag	540
gaagccagag	aactacgcgc	cgcgcatgaa	agaatgctta	aaaagaaaaa	gcgctctact	600
agacagctgc	ctatagaatc	aggcgcttca	gttcaggaag	ctcanggagc	ttatacaggg	660
cagaaattct	actgtagagc	ctataactac	tgccctcagta	gatatagggc	gctcggtag	719

<210> 5922
 <211> 735
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(735)
 <223> n = A,T,C or G

<400> 5922						
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aacgccttga	gaagccaatg	cgacaggata	cgattggcat	gagaaaggg	acttatgata	120
aatggacga	agatgggtatc	attgctcctg	gcgtacgtgt	ctctgggtgag	gatattatta	180
ttggtaaaac	ggccccctcta	gtccccgacg	cggagggagct	cggccagaga	accaaagccc	240
ataccaaact	ggacgtttcc	acgccccctta	ggagtactga	gagcgggtatt	gtggatcagg	300
ttctgggtgc	caccagcaat	gatgacttga	agttcgtaaa	ggtccgtatg	aggactacca	360
aaatccccca	gattggagac	aagttcgctt	cgcgtcacgg	acagaaggg	accattggta	420
ttacctaccg	tcaggaagac	atgccgttct	ctcgagaagg	tggtgcgcct	gatttagtca	480
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gtaagggtatc	agccctgcgt	ggctttgagg	gtgatgcaac	accttttacc	gatgttactg	600
tggattctgt	ctctcgtcta	cttcggtgagc	acgggtacca	gtctcgggga	ttcgaggtaa	660
tgtacaatgg	ccataccngg	cogaagctag	tgggcaggt	gttcttgga	ccatcgtacl	720
accaaagctnt	gcgan					735

<210> 5923
 <211> 667
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5923						60
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ctgccgcgca	atccggcatt	tgtctacta	caattgtctc	ttctctctcg	acatcttttc	120
tttctctgca	atttacgcta	ccacagctca	attcagctcg	acgattgcct	caaacgagga	180
catgcagcga	gaatgcgcac	gctatgtcaa	cactctcttt	gcatccccctg	ctgccgtatc	240
aaccttcgcg	aatcctaccc	gaagctatga	cccagacgct	gtatggccac	ccctgggtga	300
aatcgtcaca	ggcactaccg	ccaacgtcga	catagccagc	agcattggca	gtgctagttc	360
caggagccct	agcccagctc	ctaccatcac	agcgccaggt	agcacagcag	cgacaataga	420
ggaccaaccg	gaaagagaag	tggtcgacgg	ggtcgggcta	gtcgagcttt	acgccagcct	480
caaacaaggc	caaagcgta	aacaatggta	tatgcacat	agccgacaac	tagcccat	540
cgacatccgt	cgcttcatca	cctttggaat	catcaaagg	ttcctatacc	gtgtacacaa	600
gtgcgcctac	gcgacatggt	ttcccgcctc	accctcgaaa	tatcaccatc	accaccatta	660
tcacagg						667

<210> 5924

<211> 1175

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1175)

<223> n = A,T,C or G

<400> 5924

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aatacccttg	gaaacccacc	acccccgaag	gcgaaatctg	gcaatctctc	ccccagcca	120
tcagcagcag	tgcagccgcc	aacctcacc	ccgaagaaat	caccagtcta	aacctcgacc	180
cgagctcccc	aaacgcaacc	aaacttgctc	tcctcgaaca	agcccttacc	aaaaagctgc	240
agtgcctcga	aaacgctgca	aaacccactc	ctctctatga	gaaagaccac	cccacctggc	300
agagcttgaa	atccgctctc	ttccacatca	atcgcagtac	ggcgacctc	gagaaacaag	360
aaagtctttt	acttgagcaa	gtcaatcatc	ccggaccgaa	gggaaaggat	ctagctgctt	420
tgcagaatct	ggctggactt	tatgaggaga	aaggagagta	caagaaagcg	gagaaacttg	480
cccgtagagc	gattccggcg	ctccgggaac	atcctatctt	ggggagtaat	agtcgcgagg	540
ttcttggggtc	tttgaggatc	ttgattaagg	atttgccggg	gcagggggaag	attgggtgagg	600
cggaggagggt	tatcaggagg	gcggaggaga	gtattgagaa	cttgccggag	ggtcagtttg	660
cggaacatca	gcaggaggag	agggatgcgc	tcgagaaagt	tgttgctggg	ttgaagaagt	720
gagggatttg	tggatgcccc	agaaagtga	acagggtcaa	gccccggct	ccgccaaatc	780
aatcacctgt	aaacttaaat	ccgcgcggaa	tcctgtctct	gaaatcaagc	tttccaacaa	840
gcctatctct	acgacttccg	ttcaggacct	caaggatgca	gtgcgggacc	gttggttaga	900
gcctcaatcg	aacaagattc	ctctggacaa	gatcaagatc	ctgtataagc	gcaagccggt	960
taagggggaag	actatctcgg	agatatggc	tgatgagccg	gagatgctgg	ctgggtggga	1020
ggaagttgag	tttgggggta	tgattatggg	tggcgogaag	gttggtgatg	aggatcanga	1080
gatgggtgat	cgtgggtgcg	cgcacaaagc	tgctcttgga	cctattgggg	agagtgttct	1140
ggagacagac	gaattctggg	aagatctgga	gggat			1175

<210> 5925

<211> 677

<212> DNA

<213> *Aspergillus oryzae*

<400> 5925

gtaatccacc	actcttgaca	gcacttgcaa	gggtttctga	tggcctggaa	tggatccat	60
gggtcgcttc	ctccacgata	aagatcgag	agctcccat	ctcaatgtag	tcaactgggt	120
ctctctgttg	gtcgcgctcc	tcagcgtgct	cacgaggtc	ggcacgaagc	tgtggatggt	180
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aagtctctac	ttttcgaaac	tatcgctgtc	agctcttctc	cgcactctga	cgcctgtatc	420
togagaacca	tttcatcgga	ccatcctgca	aattctgttg	accatctggg	cggttgttgc	480
actctttggc	agtgccttcc	agtgccaaagc	ctcgcgaccc	tgggatacta	ggggcacatg	540
cattgatctg	aacgcttggc	agtactatct	ctgcgcctcc	aacatcgtga	ccgacatctt	600

tatcatcgtc caggcgctgg tgctgatcaa tcgcatccaa gcgttggtta aaaataaaaag	660
cggtgtttgc caccatg	677

<210> 5926
 <211> 668
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(668)
 <223> n = A,T,C or G

<400> 5926	
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aaagactggg aggaggaagg tgcaaggatg gacaaagtat ttgcctctgc atactgcacg	120
atcgcgctca gttcagcctc cgggttgcat gatggcttcc tcaatcgac tcagaatttc	180
tgatcaatcag agggagtcag ctccgatcaa aagatcattg atgacttttg taagcttggt	240
gatgaaggcc aactgcatac acgggcctgg gtgctgcaag aaagagcgt ttctcgccga	300
actatctatt tcaactgcaca acagacatac tgggaatgtg gaaggggagt tcgttgcgag	360
aattttacca cattaagatg tcccactact agattatata tacttgactc acggtttcct	420
gagcggctcg tactcgagg ttataaaacg ggcagcctta tttctccaag agcttatcac	480
tgactactct cgtcngatc ttacttttcc gaaaaggata aggtagtga attttcgcga	540
tagctgaacg tattaaggaa gtctagctac tgaattcaga tacgngtct ttcattgctt	600
tctttctcgg ctctcttctg ggaagcggct ggaatgagag tgatcaaatt tttacgacaa	660
tgattatg	668

<210> 5927
 <211> 463
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(468)
 <223> n = A,T,C or G

<400> 5927	
gaagaagctg aagaaggcta aggaagcggg ggacagcact accgatgaga atgagaaagc	60
tacacgcaag agcaagaagg agaaggaagg aaataaccca gaagaggact atcctactcc	120
gatatcgatc gagaacgacc agacagagtc tagtggacgt gaggagtcct ctgattcgat	180
agaaaaatcc aagaagaaga aagagaaaaa ggaaaagaag gagaaagaga aggataagga	240
atgcaagaag aggaagaaga gtgaggaqtc ctacactgaa gacggctcga aatcaaaatc	300
aatgaagtcg aaggatgcc aaaaagtcaag gaaggagtag atttgctttt ttcaggatat	360
cattttttgc ttacggcgt acatagatag ataccattt gctacagcta ctgcggctct	420
tatgaagatt atattacata tcgtgtcnnn nnaaaaaaan nnnnnnn	468

<210> 5928
 <211> 575
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5928	
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caatgttgtg tcggccgaag aacagtttag ctggaacaac cgtcaaaatc atagtgcag	180
tggcaaaagt actggaggtg gcggcggtcc taagaaggtc aagaagcgtc catgcaagat	240
tttatagatc gcttttcttg tctctcgacg tgtcctatgg ccccttatac tttgcttgat	300
atgttactgt tccccgccga aagaagcctg gttgcttcgg cgctttgctt ctcttctgac	360
gtgatatgaa ttggatacga cctggagagg atggcctacg cggtcgcgac cattatgtgc	420

ttttctaact	attttggttaa	cggcgggcttt	ttgattttta	catcttcatg	ttgctataacc	480
tgtttttgcc	ttgatgattg	tcttcatgaa	acactattac	ccttccttta	tgtctactat	540
tatttgtctg	agaccttgaa	tttttaaaat	tgcattg			576

<210> 5929
 <211> 654
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(654)
 <223> n = A,T,C or G

<400> 5929	
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gtcgtggaag	atgtgaagat
aaagataaaa	aggatcttaa
aagaaggat	acaacgagaa
atacccccct	gttaaaccgg
taaaaccccc	cgggagaacg
gaaacccaac	cccgttaaga
cttgtttaac	cgggccttta
	tttagggccc
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	360
	420
	480
	540
	600
	654

<210> 5930
 <211> 675
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5930	
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gacctcactg	ttgtttgcat
ataccgcagt	catcgactca
ggatcctggt	aacactactt
gcgctcatgg	ggttgacgca
gtggatgacg	tttcgcgcga
agaatacgct	tgaagggcaa
ccatgccttg	taatagtcc
ggtattctaa	tcccagctgg
gaggtcttcg	cctcgggatg
gcgcggtttg	tgttctcgc
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	120
	180
	240
	300
	360
	420
	480
	540
	600
	660
	675

<210> 5931
 <211> 682
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(682)
 <223> n = A,T,C or G

<400> 5931	
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acaagcagcc	taagaagctg
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	gaagatgcaa
	caacacggta
	caaaaagcgc
	ttcgggaagg
	60
	120
	180

atggcgaagg	caagaaaaca	caaactacag	atgttcgtgg	gacagaaccg	ttcgacgac	240
aggatacaac	cggaagacaa	cctcaaagat	cacgatctgc	aaagactagg	caggggaagga	300
eggattactc	aagatacgac	caggaaaccg	tgcaaaagct	tagtggtgcc	attggtgagt	360
ctcagggaaa	gaagactacg	ttcgattgaa	atagcctggg	ttttttttct	ttgaaggaga	420
taagagagta	gttcgtggct	agtaacgaat	gaagatgttg	ttggtgcccc	tgagctcctc	480
gaggtgagaa	acgaactaca	ggcaagagag	ttatccataa	tttcagctca	ttccgatgga	540
tctgccgccg	ttcgaaaga	ctngacattc	tgcatggtaa	tgatgaacaa	tttgctccaa	600
tgccggcact	tgttgaacca	gctggcgaat	agtgttccag	attattgata	cccaagagca	660
gcaatacgta	tctaaaataa	aa				682

<210> 5932

<211> 676

<212> DNA

<213> *Aspergillus oryzae*

<400> 5932

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cgtgcgcaag	accaccaaac	gcggtcgtcc	gagaaagcac	cggcctgaaa	tgatgaaag	180
acaagagaaa	tctccagga	cgcgccagag	aatcgccgaa	aagtcgtcat	ttgactcttc	240
tgatcagac	acttcgcaca	attcgccgcc	ctcggaagtc	ttcgaaaaca	tgagcctgca	300
gggttctagt	cgggtgggag	aaatgccaat	gttcagcaat	gttaattatt	cattgcccc	360
tgagggcctg	actttcacac	ttccggctct	cctggcggaa	ctataagaaa	caaaccatac	420
ctgtccacag	caacgaatga	ttacacccat	tatttgagat	gaaatgcgcc	atagtatctc	480
ttcattcacc	tctgatcgc	aactctgccc	catgactctc	gtgactaatg	acactacttg	540
taaacctgtt	aacatctatt	caacgtttcg	ttctacacta	cctgtactca	taccatttta	600
cgtctcatga	ctacacatcc	cattatccca	tcttctctat	tcactctgat	acatctacta	660
tagttaactat	gttccg					676

<210> 5933

<211> 730

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(730)

<223> n = A,T,C or G

<400> 5933

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gagtcgctcc	gctcggaaca	atttcttttt	ttcaatgcgg	ctcgggacac	cgtagcatac	120
ggtttctccc	actcattact	ggatttcact	gacacttgga	aaggcaattg	gcgctgccaa	180
agatgctgcc	cgtatggacc	gcgttggtgaa	cttctatgcc	cgccttcccc	gtggctcggc	240
tctgaagtt	aagcctactg	gtctcattgg	ccgtaccag	gctcgttact	tcggcaagaa	300
ccccctctgt	gctcgtaagt	cgtctcgtc	ctaaaagttat	atatgatatt	cgtgatggc	360
caaatagccc	ttgctcacgc	catcggtggc	attctctctc	tcggctacag	catggagtac	420
tacttccacc	tcgtatgtt	ttcctttcta	taccatactc	tgagcatcga	gagtctaaca	480
cactcctagg	tcaccacaag	aaccaccccc	actaaatttt	ctcgtatga	tttgaggggc	540
gaggaaagatt	cggglatata	cggctgacct	agaaatgagg	caatgtagaa	caatattcaag	600
cttattatgt	ttcacagatg	cctagtttag	tagtgactca	ccattgtctc	tagatcattt	660
agcatttgtt	catagtatga	cttgacaatg	aatcatatct	tcgctacttt	catggagtga	720
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<210> 5934

<211> 1337

<212> DNA

<213> *Aspergillus oryzae*

<400> 5934

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tccgttgggt	atcagtgggc	gtggcgagaa	agaaggcagt	aatgaacgtc	cttaaacttc	180
aaaggaagta	cccacagttc	gaccagggcg	aaatcttctc	gtccaagat	gcttttagaa	240
agtttagatgt	cgatgataaa	ggttacttgg	acgaggcaac	cgtgatcaaa	gctactcaac	300
aagcagagcg	ccagccatat	gacatcgtac	ggcaggcgct	caaagagggt	gaactggata	360
gctctcgccg	ggtagaactt	gaagactacg	tggatcttat	ctccaagctg	cgctctactt	420
ccggggcaaa	cgggcctacc	ggcactgcca	gtcccggccg	ggtagtacct	ggtaatggcg	480
ctggatcacc	tcgccatgtc	tccaaaggca	gcataggcgg	aagaattcac	gtccagggtt	540
catcggcaaa	tgtaactcat	actatcaatg	aggatgaaa	gaccgagttc	acgagacaca	600
tcaatgccgt	tcttgcctgg	gacccggacg	ttggtcactt	cctgccgttt	gccaccgata	660
cgttcgagat	gtttgataaa	tgtaaagatg	gattggttct	agcaaaactg	atcaatgata	720
gtgtcccgga	tcagatcgac	gagcgtgtct	tgaacaagcc	aggaaagaaa	atcaaggaa	780
tgaacgcatt	ccacatgtcc	gaaaataaca	acatagtgat	caactcggct	aaaggatttg	840
gttgcctcagt	tgtaaatata	ggaagtgggtg	atatcataga	agtgcgcgaa	catctcatcc	900
ttggcctaatt	ctggcagatc	attcgccggg	gtcttttggg	caaaattgac	atcaagctcc	960
accttgagct	ttatagactt	cttgaagaag	atgagacott	ggagcaattt	ttacgtctgc	1020
ctcctgaaca	gatattgctg	cgttgggttca	actatcatct	gagaaacgca	agatgggaata	1080
gacaggtgac	aaacttttca	actgatgtga	aagatggcga	aaattatact	gttcttctca	1140
gccaaactgc	acctgatgtt	tgttcacgag	gtcccttgca	aacacaaaac	ttgcttcagc	1200
gtgctgagca	ggttctagct	aacgccgaca	aactgggctg	tcgaaagtgt	ttgacccac	1260
cttacttggt	gcgggaaatc	ccaaacttaa	ccttgcggtt	gtaggcaatt	tggttcacac	1320
gaattccggg	cttgact					1337

<210> 5935

<211> 674

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(674)

<223> n = A,T,C or G

<400> 5935

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gcagagctc	tataagtggc	agctccgcaa	aaacagagtc	tacatctgat	acgcagccgc	180
ctaaaaagag	atggaatctc	ttgaaagcca	tggtcggtag	ctcttctctg	aaatccaatg	240
gcgaggcatc	gcctgcaagt	agctcggagg	agtcattaga	cataaatggg	tctgatagcg	300
ctgcactctg	cgacaaacgc	atggatgaga	tttcccggtc	aaataatagt	tctggagaac	360
tttcccagacc	caagacagca	caccagcctt	actccttcaa	gttctcattg	gagtggatgg	420
accggcccca	atggcccagc	aaaaacaagc	gcctcttcac	tccctgtctg	cctgtggcag	480
cccagctaca	cctgcagctt	cgtagatctg	cggacgcaga	cgacgaatct	gagatagatt	540
ccgaggaaga	agctgggagc	gatgacgcc	gagagggtc	accatcagcc	aaggagacag	600
agacctcaaa	agacaccaac	accggctcgg	aatccggnaa	nggttccagt	anaccagccc	660
cggnagccng	caan					674

<210> 5936

<211> 850

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(850)

<223> n = A,T,C or G

<400> 5936

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atcgggtacaa	tacttacata	caatcatacc	aacaactaca	actacaacta	cactacaaca	120
accacaaatc	cactcaagtg	gaaagaagca	aaatgagctt	cacaaaaaac	ctaaccgcag	180
ccctaaacac	caccccccta	cgacaacaac	gcagcacaa	cactttcccc	tacgccacgc	240
acgagccctt	cgaataccaa	ctcagcagac	tctctctatc	aaaaatcaag	caagagtctg	300
cccgccagag	gcccgcacct	cgatcatgtc	tgggtatgct	gtcgggtgaat	cgcgcgcggg	360
gggataagat	gtaccagaat	ctgggtgcggg	gggtggagct	tttacggacg	gagaggaggg	420
cgaagtatgc	tgtctggagg	agtaaaacttt	cttctctctt	ttctaatact	tcctccggag	480
ggaaggggaa	tggggctggg	attgggggat	taggggtact	tcggagagaa	gaggaagtgg	540
tggagacgag	gtgttttggg	gagggcgagt	tggagggaag	gggacggcgg	aggaagagga	600
gctcgaagag	gttgagggag	gagcgggttt	agtagctctg	aggatgggat	agctatgagt	660
tatgaaggta	tggatcatgt	tttccctgtc	aacctgtgtg	gttttcagga	gttctctgtt	720
tcttgggttg	gcgtctggct	ggatcggatt	gtgattntta	tagtttcggg	aaaactatga	780
tcaaaacggt	attcgcatta	agcgtcgcng	tgtatgagtc	tcttgatagc	atgttaattc	840
atttgagtaa						850

<210> 5937

<211> 750

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 5937

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gagtgttagc	ttcctttcgt	ccatggggct	tcccaagaat	ttccttggtg	tgtccagggc	180
gcaggctcga	gcgggcaaa	tgaagcaagt	ggattctgcg	gaacaccaag	cgtcctccag	240
aactgacccc	cccgagatg	tgtcacaatg	cgacctccac	cccgagactt	ccgtggcttc	300
tgaagcatca	agtcgcttga	taagtccaga	atctgctgca	aacaaataga	atatcatgat	360
atatagagcg	gatgtgtata	agtgtataat	aaagttgtca	taacgganga	naaaannnnnn	420
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnna	anaaaaaannn	nnnnnnnnnn	480
annnnnnnnn	ntttttcttg	gggcccgttag	accttgcttt	ataagggccc	aattttccctt	540
tatgggagtg	gtataaaaa	caactgcccc	ggctttaaaa	ccgtggggat	ggggaaaacc	600
cgggtgtcac	aaacttaaat	cgcttgaggaa	cacaatcccc	tttttcgcag	gggggataat	660
tacaaaaaaa	gggccccccc	ggttccccct	ttccaaaaag	ttggccacct	ctttatttgg	720
gggggttagg	gggttcacac	ctctaaaaat				750

<210> 5938

<211> 731

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(731)

<223> n = A,T,C or G

<400> 5938

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gattcgaaa	cgagctttcg	acgaattgga	caatgtattg	acgacatgat	ttaacagata	180
cggtgctctc	ctggcttaag	aggtgaagaa	gatggaagtg	tcccaacacg	cccggtacgg	240
ttgcaacggt	tggcggtta	accacctgct	acggccaggc	tgytggttat	ataggacggc	300
ccctgggtta	taaataaaa	cgctcgcaagg	ctgcgtgcaa	gcacggacgc	catcacgtgg	360
gogagacgag	gcctcatact	cctcctatat	ctactctctc	gtgaattcac	cgaagagatc	420
togtggcgat	cgcctcggtt	gcctagtgat	gcatagtttg	ctacgagtag	ccttcaatga	480
gcattgtaqtc	atctaggagt	taatgatgga	tgggctgtga	tcaaataatt	caagcgggat	540

ccacgccgat	lgagactggt	cggttacatg	cactgcaatg	caccacttca	tctcatggcc	600
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<210> 5939
 <211> 683
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(683)
 <223> n = A,T,C or G

<400> 5939						
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agccgactcg	gagagcaaac	gcggtcgcc	tagctcacia	caagatcaca	cgggcgaccg	180
atcacctgcg	gagcgcaaac	aattctcccc	agatggagcg	gaacgcaagc	cggaacggag	240
acccggccga	ggtggacgtg	aggaggaacg	caagcgtgga	caacgtctat	tcggtgcttt	300
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gagacgggag	gaacggatcg	ctatccggaa	gaaggagcag	agactctatg	aagaggaatc	480
gatgcgcacg	cgacactcga	atctactggc	aatgtcccat	tttctgaaga	caagaactga	540
gcctgtatta	tactataagc	catggcagct	tcggtccgga	gatgaagcga	tcatacgtga	600
acaggttgaa	gaagcngaag	ccacaagtgc	ccgggaggtc	gcanaantcg	aggcgcgtta	660
tcagctcac	gaagaagaca	ctt				683

<210> 5940
 <211> 734
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5940						
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taaaccaact	cactccgatg	gcaggcaatc	accgaacaaa	cagccacact	taacctccat	120
ctcagaaaata	caactaactc	ccttcgaaga	gcttcctcct	gcctacgagc	cttcaacatg	180
gtggttagac	ggtactgtc	ctgcacatcc	ccacttcgac	aacgctgata	gaatccgact	240
ccggacgaag	gaagttaagc	gtccccctact	tcagtacatt	ttagaaggat	gtcgagtcc	300
tctggaacga	goggacaaga	agtccttca	actctccttc	gatcaacacg	agacgctgtg	360
gagggccgc	atctccgctc	ataagtttgg	cgttctatat	ctagccactc	gctcagagtg	420
ttggaagag	ttctcccaag	ccgtggaatc	caacttagac	ctcttcaatg	agatggctac	480
cttctctctc	caagataaca	atgccatccg	tgccatcaac	tacggtgtcc	accgccttgt	540
caacagcaac	actttcacag	tgcactacca	gaccaaactc	gtccccccaa	ccgccatata	600
atcgattggc	cccaaccaca	ttgcggttcg	agaaaaggat	ttcgaagggtg	atagtaccgc	660
catgctggac	aattcggttc	gcaatctggg	acctccatga	cttcgccac	cttaccgttg	720
ttttgtatgc	cccg					734

<210> 5941
 <211> 832
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5941						
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tgcagtgate	acctctttga	tcattcccca	tactcgtccc	tatcgcaact	atgtcggcgc	120
aactcacaaa	agtcgattct	gccattgctg	gcttgctcaat	aactcctaag	ggggagaaa	180
aggccgacaa	gacggcaaaa	aagactcaca	ggcgccactc	atctcagtcg	gagggcgtct	240
ggaacatcaa	ggacttggag	gagaagaaga	tagagttgac	tctccccatt	gaaacgcaaa	300

agaccgggtg	gaagctcaac	acttcaccgt	cttcaatcga	ggacaaggat	atcctcaaac	360
tccatctcgt	aaaccccccg	gtgaagaaga	ttgacttgca	tttcccgtg	gggttggagg	420
tgactgctcg	taatctcaag	ggagtcacaa	tcaaggacgc	gcttgacgct	atccacaagc	480
agttcaagaa	gaaggccgat	gatgaattgg	ataaccctta	ccttgctggt	tttgagtggg	540
acaaggaaga	gtgctggaca	cgcctaatac	tccaccagac	aaagaacacg	acgggtcccac	600
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ggtgtgctaa	gtgccaacgg	tttctctcct	gtttccttcc	cggacgtact	ttccagactt	720
aatcattttc	ctcatcttgc	ctcttagcac	ttacagagct	tggtcggtat	gtagatgcct	780
cacgtagctt	gatttaattt	ttcaacctca	atattactcc	acctagtttg	ac	832

<210> 5942

<211> 757

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (757)

<223> n = A,T,C or G

<400> 5942

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cacctttgga	caagtcttac	ccaacttcgt	tgccgaccat	gccggccctt	tgaacgtcct	180
cacccctgcc	gccaccgcca	cgcctattct	tgcctttgct	tggattgggtg	tgcacaacgt	240
ccttggtatc	attgtcttgg	ccattctata	tggctctact	tccggtgggt	tcgtttcgct	300
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cgtttttacc	cttttcggcc	tattccccgat	aggaaaagca	agtcgcttca	gatcagagct	660
atcaacattc	cttctccggg	ggtttgggtt	tctacacgtn	gtcagaacaa	aaaggaggga	720
catgactacc	tcgggactca	ctaattaatt	ggcattt			757

<210> 5943

<211> 692

<212> DNA

<213> *Aspergillus oryzae*

<400> 5943

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cagtctcaag	aaggaagact	gtatggagct	ctatgagaaa	tgggcccgcct	cctacaacga	180
agaccttgcc	gacgcattcc	agaactatat	cgcctccgctc	ctggttgccc	aagccgcct	240
cgcctcaagc	aaagaccccg	aggctaccgt	attggacgcc	ggttgtggca	cggggctcgt	300
ggccgaagcc	cttgctaagg	gcagcaaatg	gactattgat	ggcatggatt	tgtctcctgc	360
catgctcaag	gtcgcagaac	agactggcgt	gtaccgaagc	ctcttcaaag	tagacctcac	420
acaaccgata	gatcaaccag	accagaagta	cgatttcgtg	acattgctgc	ggcaccttca	480
cgggtggcct	tcttggtgag	acccctgcct	gagggaaactc	attcggttcc	taagccatac	540
ggtgtcatcg	cgcctaccgt	cccggaaaga	attgggtggt	cggcgggtcc	aaaccgatac	600
ctaaatgctt	taaaaggatg	tctttcaaaa	gtgatactct	aaaccttata	acatataaaa	660
ggaagccgtg	aataatacaa	cattgcttct	tg			692

<210> 5944

<211> 719

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature
 <222> (1)...(719)
 <223> n = A,T,C or G

<400> 5944
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 agcactaact gtggotaacc tccatccatt ttttatttct tgacttgtat actcatatct 120
 cttatctaac ctaccccgca tcaccatggc tgcccccgcg gacatcacca tcaaggacct 180
 cagtggagag tggacgatgg acaaatccct ctccaacccc actgagccca ttctggccct 240
 gcaaggaatg ggctggatga agcgtaaggc tctcaacatt gcaaccgtca cctcagcgt 300
 ccaccaatac ggggacgaaa aggaccccaa ggtcctgcac gtcaacatcg accaaacagt 360
 caccggaggt atccccggca caaccgaaca ccgtattacc gactgggaag gacgggagca 420
 cgatgaccac gtcttcggga aggtcagagg tcaatcccg gctcgaaggg 480
 cgacgatgga aaattccgcc ctaacgtgga aatcgctacc aagaccgatg acgaggatgt 540
 gaagaagtto ctgaagggcg agattctggc tgatggaaag gatactgagg gcttcgttgc 600
 tgacaacgtc ggtgaagagt atggtgaggg cgagagcttc ttctccaga gcttgtgcag 660
 aacctggaca gcaacggcgg ctggactgct gacanatttg ggcttcagat gatcgatga 720

<210> 5945
 <211> 552
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5945
 tggatacgac gtgtcctata acggccgccc tgtgctggaa aggcgacaac atcgacaaca 60
 ataacaacaa taacgacaac gcagcttcac agaagcagaa gcagatgccg tcatcaacaa 120
 acagccacat cgacaacaac aatgaagcga tcggcgacga agccaccggc gacatgcaag 180
 tagacggggc ccgctcagca ccgtcagcgt cagcgccgga catggagacg gaccaggagc 240
 atcacgacga aatcaacagt gacagcgagg gtgagagtga gaatgccgcc gatcggggaga 300
 ctgtcagcat cactgtgtcg catcgaggcc acaagtttcc ctttgagatc gaggccgac 360
 tcacgctcac cgaattgttc caccgagatc agaattgtct agagattccc ttgagaaca 420
 tcaaggtcat ggtgccccaa ggccccatttc ttaaggcgac ctttaaagat tccgaagatt 480
 aaggtcagac cttggccgga aaaaccgtca ccgtcatggg ctcgacctct gccgatgtcc 540
 aagccgtcca gg 552

<210> 5946
 <211> 631
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5946
 ccaagtctag cacaagaca tgatatcctt tcacaccagt agctcttcat atataattta 60
 agcatgcctt ccaacaaaca tcccatcctc tctacatac tattacctct ccttctcgcc 120
 ctctccacca ttcaaatgtt ccaatgcgcc ccacagcct gcaatggcca atccacattc 180
 tgcacccgca agtactcgaa catcacccaa ctggggcgcc acgacagccc ctctgtcggc 240
 cctctcccac agcataacca aaacctggag gtaacagaac aacttgacct ggggatccgc 300
 ttcttgcagg gccagaccca taaagccctt gacaatgcca acaccatcca gctatgtcat 360
 acatcctgtc tctcgagga cgctgggacc ctcgagtctt tcttgggcac ggtcaaaaacc 420
 ttggttgaga gccacccgga tgaagtggta acactgctgc ttacaaaagg cgatggcttt 480
 ctggtatcac ggttcgacga ggtattcacc actgcccagg ttaattgatta tgggtttqta 540
 cggagctcat cgggggatgt gctggccatg gatctctggc cgacaatggg agatctgatt 600
 agtacaggga agcgacttgt ggtatttttg g 631

<210> 5947
 <211> 711
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature

<222> (1)...(711)

<223> n = A,T,C or G

<400> 5947

atgagtggat	tcacacctacg	atccagtcac	tgtctctatg	gcgatccaag	gcacttttcc	60
ggcgctctcc	ttggcgctcc	gcagcctccc	ccgacgaagg	tactcatgga	cggataccat	120
ggcgctccca	tcctaaaaaa	tgtggaaact	ccgcgctaca	atccattgaa	tacggcccac	180
ccaagaagct	ctgcttttact	caacggcaat	gacctgtga	cgatgtattt	attgaccgaa	240
actgctatgg	gtgacagtgc	gcattatgag	gtcctgtcct	tggaggaggt	tgaagggctg	300
aagaaagaat	tcattggcgt	gtctacatcg	tcgaaggcac	tggagtctac	accaccatcg	360
aaaacgcctc	cgctcaatgc	aagggtggcg	ctaagacggc	tataataact	gatgattttg	420
atgatacgcc	aataatatga	tgnggggaagt	tctccgaaat	ccaatcggag	tcgcatgagc	480
atgttccgct	cgaatggcgc	ttcaagtacc	ctcaacaaga	ccgatggaga	gttggcaatg	540
aacacccgaa	agtgcagga	agctttcgca	agaaagctgt	gacctggaaa	agtagagttc	600
aagctgattt	aaaaaacgtt	tatctgggaa	cttaccgggt	ggcgtctctt	acagaatacc	660
cccttangag	aattaaaaac	atattccgag	gaaaaaaaaa	agaaacaqaa	t	711

<210> 5948

<211> 671

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(671)

<223> n = A,T,C or G

<400> 5948

ccagcgattg	aagcaattac	cactgtattt	cctaacgaga	aggtaatccg	agctacgttg	60
tcaggatgtc	gctctctcca	gaagcccgcg	accaatatgt	accaatcatt	gactcgatcc	120
tggcgaagag	gcaccttaat	actatctccg	agaagcgaat	ccgtaaaggg	cttcaggaag	180
aggtcggcta	tgatcttact	ccgcagaagg	ctgtgattaa	gcagcttata	atggaacggt	240
tcgacatctt	tgcgcagaat	ggtggtatag	aagcttctcc	cgaggcggcg	gtcgtacttg	300
ctcctgcgac	caatggccac	agctctgcga	caccggctga	ggtctcgtcc	cctgccccat	360
cctccaagtc	acagaaacgt	caggcggata	gtgtggaacg	cgaatcagac	aaaactcctc	420
cgatgaagag	gaaaaagccc	gatcacgatg	tggatgcgga	tgcccttttc	gcggcaaaagt	480
tgcaggcgga	ggagaacatg	cgtgcccgtc	ccactcgcgg	tgctagcgca	cgtaaagtcc	540
agccggcaaa	gaagaagaca	accaagggct	aaacgtcaaa	aaagggtcaaa	ggcggaggac	600
gactcanatg	tcgactccag	ttcggactcc	aaaaagtaaa	ccgctctggt	ggattcataa	660
accgcttctc	n					671

<210> 5949

<211> 658

<212> DNA

<213> *Aspergillus oryzae*

<400> 5949

caatagtttc	cttcccccca	tacactttcta	gacgtattta	gtttccggta	gtatttcgga	60
ctatagtctt	ttcttctcat	tttgaccag	tggttggtatt	caagcgcata	accgattatc	120
gggtcccttc	ctcggcctgc	agtttgacc	tctcccaagg	cttcctcgat	actctccacc	180
atggccaccc	cagagaagaa	gaaagaagaa	caacctgcc	ttcaaccgga	cgaatactcg	240
gacggcgatt	acgatacgg	tgactattca	ctgtccgaag	acgagcagga	tcagaaaccc	300
caatgtccga	aacaacagca	agctcgacga	cgtcaacaac	aacaacgcaa	acgtcaaaaac	360
gacgagtatg	aggatgaaag	tgactatttt	tcggacgaat	acgattcaga	tgagtagcat	420
gacgatgacg	atgcctgtca	gggcaatgcc	atgcagccat	ataagcgcgg	cacccagtc	480
ttacacaagg	cacaatcaca	aacggagcca	tgacggacgc	ccaggacaaa	gggaaaaaac	540
atgaggagca	ggatggctct	caaactgaaa	ctggagctga	acctcacata	gaggtagaac	600
tcaaagccca	ctttcacgga	gacttgcaat	tgcgtgcttg	catggatggg	gaaaagggt	658

<210> 5950

<211> 661
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(661)
 <223> n = A,T,C or G

<400> 5950
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 agatcagggt ctgaagggtg acacgtggat cccatatcac ccaggcgagg ataatcaat 120
 cttgcacatg gtcgggtcgg atgccacaga cgaaataaca gctttgcact caaaggaagc 180
 tcaggcacat atgcagaaat atgtgatagg cacaatcaat ggacgatggg agaactttct 240
 gcctccgacg caggaggagg tatttcagacc cctagcatcg aaggggcgtg acgacgaaac 300
 gctcgatgcc gaagaagata tcagctcacc tggaaaatcg acaccaccgt caccagtctt 360
 cyatccgqta gagaaaggag atggagtctg tggaggcgtg acaggcactg aaagcccat 420
 ttcccagact tcatccgtat actcatcaga gctggagtgg gcgccatcg gatctgcaga 480
 agcatcaata gccacgcgga tatcatcaga tctttcaaaa taccctcgtc ttgatcaaaa 540
 gtcacaagac gaagtgcgca caaagtaccg ccagctcgat gcanagctgc aatccgaagg 600
 actctacgat tgcccatata gctcctacgc ctgtgaattc atccgatact ctgtcctttt 660
 g 661

<210> 5951
 <211> 656
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(656)
 <223> n = A,T,C or G

<400> 5951
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 gaggggtttc aggcgggtatt cctttgcgaa cgttgatcc gccttcacg ttcttgatt 120
 aaatccgaaa attctgggtg ttgtagcgag tgtgtgaaag cgaacgggtg ctcttgcaaa 180
 atgtccgaac cttccttttc tgatgctgag tggaaacggc tcgtgaaagc ccagaatact 240
 ttgaggagg agggaggagt tattttggcg aagcttcttc gtttgcgaaa acaaaaacgg 300
 ttattgcaaa aacgtgcagg tgatttcatt gcgcgtgata ttaaagaaat tgaggaaact 360
 gaggaacttg agcgtcaaga gcaaaaagag cgtgaggcgc aggagaagtt gcaccatcag 420
 gaaactgcgg ttctctgttc cggggctagt gcgtcaagtg gtgatgttca actagccgcg 480
 ggttccgggt tagatcctag cttagactcag ctgatggatg acccttctct ctgggtgaat 540
 tttgatcctt ccgctgggtg tacttgctca ccactgggtg gcagcccgct aaattctcga 600
 taagcttcca tgaatttttc tgagtatttt tttcacctcg gattccgacc cttttc 656

<210> 5952
 <211> 663
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5952
 ggttggtcag cccgcccctg cttcccccag acctactgca tcccaggcgc ctccaaaggg 60
 cctgaacctt ggcgcgacaag caaacattcc tcgaagccca gacccagaac gagcgccgcc 120
 cagcaaccag aatgtacggt cgcgaacgca taccctaat cgtccttacc gagaggatgg 180
 aaggttacca ccacggcctg acctttttag cgacagagcg gatagacatt cagattaccc 240
 tcgagggggc cgttatgggt gtgagcatga ttacaatagg tcgttcgaac aacctgtggg 300
 tgatggaagg ggctatggcc gtctcgatag agagtacct ttaaggccat ctatggatga 360
 gtcgtccgtt ggtcctcctt accgtgaggg gcgtctccta agagaaccgg agtggccaga 420
 tctgcccggg cgtttgcgcc cttcggatgc tcgagaggca ccacctgtg cagctccgg 480

tccaccgaca	caccctgac	gtgcagaaat	gatacacgat	catcctgacc	gggaaagcta	540
tcgacgtggg	gaggcaactgc	gacaagagaa	tgatgatagg	cgacctttgc	catcaagaac	600
gttttcgcct	cccataatgg	gacttcaaac	cgcccataac	gcttccctga	ataaccgcca	660
tct						663

<210> 5953
 <211> 1210
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1210)
 <223> n = A,T,C or G

<400> 5953						
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atctgttcca	caaacaagga	ctactgagca	gtcatgagct	ggacaaaagt	atcagaacgc	120
cgtctgggagc	gccctgtcac	cggaatggag	ggatattttg	tctatacggg	atcgggtgtca	180
gccgtcact	gogatggccg	ccaccagtac	accatcttct	ccaagctgaa	gatcgatctc	240
ggtatcagtc	cggcggacgt	tgaatccgca	ctgaagcgcg	cctggaagcg	gctacgggtct	300
gagcagcccc	agatcgccac	cacagttgat	gggacgacga	tggtgtatga	ggttcctgat	360
gaggcagctt	tgcaggagtg	gctggcctca	acctttgttg	tctcatctgc	tgcagatgcg	420
gaggatttat	accgcaatgc	tgagcctatc	aagcagggtta	cactggatta	tattccgaag	480
tcatcggagc	ttgtactggg	tgtttaacat	tacacaattg	acggcaccgg	tacactactc	540
ctctgggac	gctatctgac	agccttggca	accccagccg	aggaggtcac	atctgggtgac	600
gagcataccc	ggctggcccc	ctccattgag	gatgtgctca	aggtctccga	gccgacggcg	660
gaagaaaccg	agaaggccac	ggctctcctc	atgagctatg	cgaccaaagc	tcgggggtgtt	720
ggccccggtt	ccaaagtgtg	caccgtgcct	gctggccggg	cccaatatgc	agaagtgaact	780
ttcccgacgc	ggacaacgga	agcaattatc	aaggtatgca	aggagaaggg	catcagcgtt	840
acctcgcccg	tacatgcagc	ctacatccag	gcgattatca	aacacgctaa	tcaccaacggc	900
acattgtccc	gctatgtcag	cttagggctg	ttcaacctgc	ggccctacct	gccgaaacca	960
tacagcacia	gcgagtacgc	ggcttcgggc	tactacacac	ctcttccctt	ggactttgac	1020
ctccctgccc	cattctggga	gacagcccat	ttactggata	agtactaccg	gaccacgggtg	1080
aaggatgac	ctgagatcct	gcccctgcac	acacacatga	cacgcatect	ctgccaaagct	1140
tcccagatgc	ctgagtacca	ggggctcatt	ccccgcgatg	cacangtcag	cagcctgggc	1200
atcgtcgagc						1210

<210> 5954
 <211> 604
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(604)
 <223> n = A,T,C or G

<400> 5954						
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cagagagcca	gcagtctaca	gccggctcga	acaccttcgg	atcgggcatg	tcggacgtct	120
ttggctcgtc	ccagggtggc	tttgggcaga	accagcccat	ctctcagcag	cccccagtga	180
ccacggagga	aaccaagacc	tttgacacgc	ccaaggcttc	tggaccagc	cttcccttag	240
ctcaggctaa	ccgccttggt	tcgcctacca	acagcgtgcc	aggtcagccg	caggcacaaa	300
ctggccttcc	ccctctgcaa	ggccaqcaag	gtcagcaggg	ctttggcaac	tatccccact	360
tgaaccccca	gtatgggggt	ctaggtggac	ttagtggaac	ccacqatgca	gccaatcaaa	420
cccaccacca	ggctactggc	tacggtaact	acggaggcgc	cggttccact	aattattatg	480
gcaacaccgg	tcgcgggtggc	tggggaaggc	attacggtca	ctaaatgatg	atgacattgc	540
atctttcccg	aatggcgga	ttcatatttg	gtccagggng	gtggcaccct	gaactcaaa	600
cttn						604

<210> 5955
 <211> 696
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(696)
 <223> n = A,T,C or G

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<400> 5955
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attcacacag aggcagacat cgattccatg atcggcgcgg ccattcactg gtatgcgaag      120
taccgggttc gggcgttgca agagcaccgc gaacggcgag acgagccaga cttggacggt      180
tcggagctgc gccgacacgc caaggtagag agcctcgagc atttagagct aqacgacagt      240
ggtaagattg gctacgtata caagactctg ggcgagggcg tgcacctcct ccgtctcgcc      300
atgcgtgata ctgcaaccgg catgctcaca tcccgggcac tggcgtttga gccgctcatc      360
acagacctaa tcatgcgagg cggcgacgct gacaccaatg cctgctttgc gggcgctctg      420
ctgggcgctt atttgggcta cgctaactct cgccttaact ggcgcaatgg gctgcgacac      480
ggcgagtggg tgctgggtaa ggctgagggc ctgagccaga tgttgggcgt cgcagatggc      540
gagtatgtcg ggtcggcaga ccgggagacg gcgctggacg gcgggcgagg tgggatgcct      600
tctgaggctg ataattgaaa ggaagggat ggtgctgcaa gcatggatgg cggancaaga      660
gcaagaggcc aagcggagag ccagcaaact ggagga                                696
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<210> 5956
 <211> 690
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5956
gaaccagtcg tctcagcagc ctccggtcac cgcgccttcg gccacgcctc aaatcaagtc      60
tgagggtccaa caccagcaac caacaacaca gttgaatcag cagatgcaag tgacaaagac      120
ccagaacgca acacctggaa aaggcgccaa aggacctgct tctaagcaac cgccgaagag      180
gaagatgcca aatgaagaaa gcgcggacgc ccagaatacc cctgcacaaa agtcggcgca      240
gcctgcgact tctcaaggat tgctcaggttc tacgccagca cgacctaca tgccgttcac      300
tcgtgagcag ctggtcaata tgacaccaca gcaacgtgca caattggagg cgcacatacg      360
gaggcaacag agccagaatc aaacgcgagc tcccatttcg agaaccgctg cggaagagca      420
atggaacaac ctaccggaca agatcaaaaca atggtacacc gaaatcttgg ccaacgcccc      480
atccaatgat cctattttctg ttcaaccaga gcaaaaagct caaatggccc agcaactacg      540
ggagtgtacg gatatgctgg gtaggatgga tacactggct caatggtttt ccaagattcc      600
caatcaggaa aaagaatgtc aaaagcttat tagctatgcg catacaatta atgaggcaat      660
tcaaatctgg actgactgga cgatcaatga                                690
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<210> 5957
 <211> 680
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(680)
 <223> n = A,T,C or G

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actctacaca tgattttacat gaccgagggtg aagccagaaa ggaactgcag atggaggaca      180
tttgctgttc ggcgcgatgga ctgtctatcc ttgtgacagc tacaaaaggc gatgtaaagc      240
actcggttct gttccatgca ggtccagaag gcgagatatg ggagaggaat gtcaagcggt      300
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tacggccgga	tctgtlcttct	gttgagctgg	ttcaattatc	ccattggcat	egggaccatt	360
cgggtggcct	tgtccgagcc	attgaaatga	tagctgaggc	caaaaaagcc	aaaggccaca	420
cagacaaagt	ggcggtagat	cttcatectg	accgtcccga	ctatcgggga	ttcgccctgg	480
gtccaaacat	tgtttccttt	caggcggatc	ctaccttcga	ggaactcgaa	gctgctggcg	540
gagctatcca	aaagcatgac	gaggcacaca	cogtgcttga	caatntcttt	ctgatctctg	600
gcgagattcc	ccgccagacg	gcgtacgaaa	acgggtattaa	aggaggcatg	cgctttgata	660
aaaggaanag	gattgttttt					680

<210> 5958

<211> 900

<212> DNA

<213> *Aspergillus oryzae*

<400> 5958

gncagcgcag	acacagccac	catalgggcg	acaaagtaga	gacacttggg	gggaatgaag	60
gattgtccga	tcagaagcgg	gagattatgc	agaagatftt	atctgcagct	ctaqaccaag	120
tgtccggaaa	cccagagcct	agtcaggorg	attcgcagac	ggtgectgac	agtaagtccg	180
acaaaaaagg	ctggatacaa	tgcgaattct	gcacgaagcg	cacgcgtctg	cgctgtgaaa	240
tgaagaaaca	caagaagcgc	catgagcgcac	cgtatggttg	cacattcgaa	aaatgcagca	300
agaccttcgg	tagcaaaagcc	gactggaaac	gacacgagaa	ctcccagcat	ttccccctgc	360
agatttggcg	ctgcaccctt	cccgatgcta	cgcaagggga	tcgatcttgt	gctcgcctat	420
tctataacca	aggagaatat	acccgtcatc	tgaagaagca	tcaccatgca	gaagataaaag	480
aggtacaagc	tgcactcgcc	aagaacagca	tcggtccgca	cggacagtcg	caattctggt	540
gtggcttttg	tcgcgacatc	atcccactaa	agggccaggg	ccttgccgcg	tggaaatgagc	600
gcttcaatca	tatagattct	gagcacttca	aaaaatggcg	gcggattgag	gattggctcc	660
ttccttcggg	gcattctgac	aagggcgcag	aacgcgatga	aggaaaggaa	cgaatcaaca	720
cgcccgaaga	tgggaatggc	gagcctccag	cggacgatgt	gagcgacgat	gaaactgcgc	780
gcagtatctg	taactctgag	ggtgagaacc	aacgggatga	aaccccgatg	ggagccccca	840
aaacaagtae	aaaaatcttt	acttttagca	agtgaacaac	tcattttccaa	aaacaatttc	900

<210> 5959

<211> 1199

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1199)

<223> n = A,T,C or G

<400> 5959

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tgattgtctg	gcttgccaga	gattcgtcca	ccattccatg	gacgtctttt	gttctcctcg	180
cagcgatcta	tggctcttcag	gcctctcatc	tcattcttcg	ccgcaagtgg	gaaatgattg	240
gctggatgat	tgtgtatctc	ctggccatgc	ctatattctc	cgtggccttg	cccttctact	300
cgttctggca	catggatgac	ttctcttggg	gaaacaccgc	cgtcatcact	ggagaaaagg	360
gcgcganagt	cgtcatttca	gatgaaggaa	agtttgaccc	cgctctctat	ccgaaaagag	420
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agtttcaggc	ttctctatag	ggaccaagtc	gtatcacctt	ggcgagtccg	aatacgggtr	540
ccttgageta	gaaccaatgtc	gcagttcgat	cttctctcgt	atgggtccag	gatgtctcta	600
actccttcgc	gatgatgagc	cctcatatgg	acatggaaat	ggaggatctc	tcacatctgc	660
ctagegaega	tgcattcttc	gcggaaaatc	gtgaaaatcc	ggggacagcc	gaactgatga	720
ccgtaacgaa	gaagagtatc	aaacaagagc	ragagaggcg	ttttgggttg	aatctcgatg	780
cnngcgtcc	atatatcaac	tcagccaccg	aagctgttct	atcgggcgcg	ctctaatctg	840
agggccaagc	tcgatgtgta	ttgcattggaa	gaacgttaac	ttttccacgc	tgtataaaaa	900
tttcttatct	gatttaatat	tcgcatatcc	attgtcgcga	ctttataaac	tcgcagctgt	960
gattgtttgt	ctacagcttc	gtattttgpc	ttctcgaagc	gatctatgat	gtctatgact	1020
atcgcaacat	actgcccac	ctttgggttg	tgtcttcttt	catgacaata	ctcgacgtct	1080
ttcggatgca	ttgccacgct	ttgttagact	ggacggaatc	aacttgaatg	gacaggacct	1140

gctttgttct aatttaatat gcgggggttg tgaatgattg aaatgttatc gtgaacctt 1199

<210> 5960
 <211> 1247
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1247)
 <223> n = A,T,C or G

<400> 5960
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 aacggcccar ccacccccgc ctgcgcgcct gaagacgatg aggataactt gacgatgcgt 180
 ggcccaggtg tccctcgatc gaagcccata gtcgatgaac ctactccgca gtcagtcgct 240
 cactcgccga ggaccacgcg acggaacatg cttgccaccg aactcacgga gtcactccga 300
 cgccatttac tttgggaacg acagcagaag agtgcgactg ccaatgcctt cctcaagcga 360
 cgacacactg cacatgacat ggcaaaacttg caggaatatc ccaatcctaa gggggcacaa 420
 aagggaacagg gtgttggcgt gtccaacccc cgtgcagaca aggacaagga tatggcgaag 480
 acagcttctt tcaatcaata tactgacttt ggtccgtggg agtnaccacg ctaaggtttg 540
 taaacgaaca ccgatcgcat ttcgaaagtga cagcatcggg tcgcccttga gaatacccaa 600
 aacaacttgc tttctttatc tttctacttt tcacattttg ttatctgtgt catgacatat 660
 tcttctcag atgggttatg ttattgacta tgatacccaa accttcaacg cgtttcttta 720
 ttatctatgt aaagccgcgc attgaatatc cttgtgacac gtacgatcac gactctgcat 780
 tgcattcttg cgcaactatg gatcatatgg ttgttattat cgacctaatt ccttttttcg 840
 ggtctttgat tttattttct agctcctttt tccatcctc ttttctcgtg gcatttgttg 900
 gctatcagtt atgttgatat tatacgagcc atcttgagga caaaacctca agcgcgatta 960
 atcatgtaca gatgatcttc ttttaccttc catggcgggc ggaactgttg cgattcgaat 1020
 ttggcatggg ttcttatggt tttctctttc cagtacgggt tgggtggaac ttttcaaaaa 1080
 gaggcctttt atggatgtca ttgctacgtc tcgtgactgc atcttagcag aaaacgtcat 1140
 tggtatcatt cgatgcattt gaagcccttg ncttttcttt ctttttcttt gttggtctga 1200
 taccagatac catacatatg tntttgattt tgcttcgcgc ctttact 1247

<210> 5961
 <211> 664
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(664)
 <223> n = A,T,C or G

<400> 5961
 gtcccgatca tccatccaac ctatggcgct accctctttc agctctccca gatctacctt 60
 ataaactgtg ctggctgtct cacagcttcc ttttccaata tccatgtttg ctgcgcgcat 120
 ggacggggcg gtacattagt gctaggagca gtgatccaaa caattggatt cgcactgatg 180
 tactgggaac ngcccttttg gctctttact gctgccttct tcttaactgg catgggaggt 240
 gctatccaag acgcccaggc gaatacatte acaacaacag ttgacaatgc gcctcgctgg 300
 ctgggaatcc tgcctgcggt gtatgggtgt gggacaatta tctcaccat tgttgctaat 360
 gtaattgcct cgggaacgcc cgtctggcat gatttttact ttgtgatgtt gggcttgggg 420
 ctattaaact tglgtctttt aagggtggaca ttccgagaag gtctctttta acctaacaa 480
 aggaacgcga ggggaacagc ngccagcgaa ttgaaaacaa cgtatccaa taaagcggtc 540
 tggatactaa gtggattctt ctttttgtat gtongcgccg aggttactgt cctgttttgg 600
 atgggtccaat tcatcgtctc cgttaagaaat ggagacccaa aagaagtaay ctacatagcc 660
 tctg 664

<210> 5962

<211> 705
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(705)
 <223> n = A,T,C or G

```
<400> 5962
gcagatatac cgggcgcaat cgctcctggcc tacaacctat tcttgtctga aaaagattga      60
catcgatata gctcgttcgc tcgctagact gtctcagcaa tgaatcttcg agccgcgggc      120
cttcgcaagg cccgcgcgca acgctccttc acatggcttt tactcctcat tgccgttcta      180
atgtttggcg aaatatcctt ggcccaagat accactggga atgacccgcg gtcgacaacc      240
gacgtaacaa ctaaggagac cactacagct acgacaaaag atgacactac cagcacatcc      300
aagaccacgg aaacatccgc gacagacaaa tcagcaacga caacaacatc cgagtccaaa      360
tctacagact ccagtacaac ctccaccgca acgaatgatt accccggtggg gacagtcctc      420
ccactcgccg acgcaccata catgcaaaca tcagataccc cggaagggaac cgtcttcata      480
gccgtcnggg cagtcctagg ctctcgtggg ctgcactccc tagcctggcg cggaatgggc      540
gcatggctcg taaaccgatc tgcccggaag gcagccataa tgcaatcctn cgaggcaaan      600
ggactcctnc gncacaagaa gaagagatcc gngcaccggt cttatcgngg gcccaaaaac      660
agccgtgttc cttgaaaaaa tcggcngggc ggcaccggac aaacc                                705
```

<210> 5963
 <211> 697
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5963
tttcaacaat tgtttctctc tctcgcgcc agctgctttt ataccacttc gtctctttcc      60
atcctccatt cgcttttcgc gtctgggtcat atcggtgatt tactgatcaa ttgaggactc      120
cattactatt catccatcca tacacacatc tccaacccca ttcacgacca ttatgttgcc      180
gategtgttt ctctccactt tgggtggcctc cgctactgca gtgactaccg ccagcaacta      240
taccttccct gagggattcg atctgaacca ggtgaaaccg gcggataagt ctgcctgggtg      300
tcaggccgag cggaacgcct gccctaagat ctgtggcgga gttgctgata agaacacttg      360
tgaccgcgaa actcttgatt tcacttgcac atgctccaat ggcaccgatg ctgacgtcgc      420
gccttacgcg gagactgtcc ccttcttcgt ctgccaggag aactaccggc agtgcattcca      480
gcgctctact gacctgaagc gcgacgagaa gtgcaaggag gcccaaagcc agtgtggctc      540
gaagaatgcg tccgatgcct ctggctcgtc ttcactgact actacggcca cgtccttgcc      600
tacctcgact gggtcttcgg gatcgagcaa gagcgaaagc tcatccaccg gcaccgcgac      660
gagcagtggc agcacaagca gcactaccgc taatgtc                                697
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<210> 5964
 <211> 718
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(718)
 <223> n = A,T,C or G

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<400> 5964
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agaaatctca ttcaagaaga tcagcatttg aagaaaaaag ccatgacaga cgctcaggtg      120
aatccgattc agattcagac gatcttgatg acgaagcatt ggaggagacc gatacaact      180
ctgaacacga cgggcccgtt ggcttagaag acgaaggaaga tagtgaagat ggtgaagaca      240
atgataatgg agaggacgat gtccaagctt ccttagtag catatccttt ggagccctcg      300
ctaaagcgca agcgtcactc ggtccgaaag gcaagcgcaa tgcaaaaacc gccaaacctc      360
cagaggagtc cccgcagact acatcaccgc taagcagcat cagagcgcca atccgcgagg      420
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cacgggagca	aaaacgtcaa	gaatccggaa	aatccaagga	ctcggcaaaa	cctgcaagga	480
cttcaaaaaca	tgcccccatg	gttcagtcac	ctaaacgcgc	cgtttcacgc	aagcgcactg	540
ttgtcgaacc	tccatcggtg	cccaaatacg	gagacccacg	atttgatccg	acagtgtctc	600
gtcatgggtg	tcgccataat	gctgaatcgg	ccangaaggc	atactcgtn	ctagacgact	660
atcgtttctc	agagcctgaa	gatgctaacg	ccnnagtcgt	caatacnaga	acgccgan	718

<210> 5965
 <211> 647
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(647)
 <223> n = A,T,C or G

<400> 5965						
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tgctcgagaag	ctggccgcta	agatcactga	gtggaagaag	aaccaggctt	cgaagaccga	120
ggagaacatc	aagaaggccc	aggaggaaat	tgcccgcctg	gaggaggagg	cctctcaggt	180
cgacgaccgt	gcgactgaca	ctgccaagaa	gcccgcctatc	atcaacagcg	gtgttaacgg	240
caagggtctcg	gccgaggccg	agctgaagca	ggagaaggat	gccgccgccc	atgtgtccga	300
cgagctccag	aaagcctccc	ttgaggagac	ggcttaagtg	acgcgccccg	gatagactta	360
tgcaactttg	catgtttctg	catcagcgaa	ttgacgcttt	agaccccaag	cggagattta	420
gcattttacat	ttcatttgtt	tttggttagt	tctgtgcac	ttatcgacaa	ctctttgctt	480
ttgcagatcc	tccctttttc	tttctccgcg	cggaatctt	gcaccggctg	gagggagctt	540
aattctcctt	tgcgaggcca	tcgtctggct	gttatctctt	tcttgtaata	catattttact	600
acactttttg	attttctcg	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnn		647

<210> 5966
 <211> 713
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(713)
 <223> n = A,T,C or G

<400> 5966						
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aggtatctgt	tcggcaggct	attccaactc	ctcggctctc	tccgccctcc	gcacctgac	120
ccgcgcgggc	catttgaaca	tccaagagac	cctccgtgga	ccactctatg	gaattctctc	180
gtggtggtt	gccacctccc	tcaactcttg	cattgcgcgc	gccggatgtt	ggctttctct	240
ccatgaattc	tgtgaatcaa	tcgctgcgc	gccctgcggc	gcaacggcag	agcgcgatg	300
atactagcca	gtactggcat	gcgaaggcgg	aggaagaccg	gagaaggcaa	gaggaagaac	360
ggaccaccca	ggaatcgctg	cgtctagagc	agcggaagat	cgaacagagt	atgcttcgag	420
attccctgca	agcggcgcta	cctgtctata	tgattccgct	catcttcgcc	ggcatcagcc	480
agaatggggt	cccccaatca	gtcatagaat	gggcccacaa	acatatgaca	cagggcgcctg	540
ccgggtcccg	tcggccacaa	ccttcgggaa	cggctctata	tcattcctcc	cctgggggca	600
gattgcaagc	ccgcggagag	tctcgtctca	ttctctctgg	cccttatggc	gctncaccac	660
cgaacatgt	catacctgcc	ccggggatcc	tcttattaca	acctcttctt	tct	713

<210> 5967
 <211> 865
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature

<222> (1) ... (865)

<223> n = A,T,C or G

<400> 5967

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ttttggatcc	cacctctctc	caaaaaagtt	ttgtggggct	ctttctcccc	ttcccacctt	120
gcgcattctac	gtggaatcat	ttcctcttgt	tccacgtagc	ttgatctatc	ctgcaatcca	180
ggctcaggtt	gcccccttgt	ggaggaatca	tctgtgaaga	gaacatataa	cccttaacct	240
tctgtacccg	gagttttctac	tcttataccg	agtcccagat	cagatagcgt	aggteggcca	300
ccacaggtat	taaactctta	tcacacagca	ccttacggaa	ctgtcgaccc	tcgctggctc	360
gatactgctg	accggaacgg	tcgggaggca	ctgcccagat	cagatgattc	tctccatcac	420
ttgagccaag	acaactccacc	acaggatctt	gatcaaaactc	agcattggga	aggagagtct	480
gcagatacac	ataacagttt	cgagtcgccc	caattcattt	ttgaaccacg	ttcggcccag	540
acacaacata	tagcacctga	gttaccctcg	gatctctcaa	tttcaggaca	agatacatcc	600
tctgccaatc	aatcgagtga	ttctacctca	cagtcgcttc	cgtgtgaccc	gtgtgatcgt	660
gtctttgaca	aaagacatct	actcaataaa	cacaagactt	ccgttcacga	tcgcccctcac	720
aagtgtgaac	tancaggtct	gtccccgaca	gaggygtttc	aattcaagaa	agatctcaga	780
cggcattaca	acaactgtca	cgggggatga	agttccaagg	attatlaact	gaagtatcgc	840
tgggtgctcc	cttcaagcca	caact				865

<210> 5968

<211> 637

<212> DNA

<213> *Aspergillus oryzae*

<400> 5968

gaagaaagac	tcaaccagaa	ctattcgctt	cagtgcacaa	agaatcagaa	gaaatcataa	60
cccgaaagaa	tggcgactac	ctaacttctc	cctccacctc	aggacctca	atttctctcg	120
cccccaagat	cgcgaacttc	tcaactcgaat	ccccaaagcc	tctccgattt	ctcgcaaccg	180
aatttcagtt	tccccccgcc	gcaacgacaa	caaacagctc	ctgccgtgag	cccattcgca	240
acggatacca	atgccacagc	gtacaccgcg	aatggggata	tcggcaatcc	atacggatca	300
aaactcgtgt	ctctctcccc	tcaatcatcg	acgccccag	cggccgtaca	gccccaaagt	360
gcccccgctg	tgtcggccac	aagtcaagat	gaagtcggca	cattcaacgg	tggaagctac	420
cgcacacagc	accgggacac	caactcagtg	ctcacaatgc	agctggcaat	gggatgcccg	480
atcgaagcca	accaggcgcc	atggttgcaa	tgtcccgcga	catttccctc	aagggaacag	540
tgaaaatccg	cctatcgaaa	atgtcgccgg	ggggatgacc	tcctcgatta	cacggggccg	600
ggtgaaatcc	tcttggcgcc	gctttctctaa	gcgaaat			637

<210> 5969

<211> 645

<212> DNA

<213> *Aspergillus oryzae*

<400> 5969

cgatagacaa	tcagtcgttc	cttcgttctc	tcattctttt	ctattaactc	tagtcattcc	60
ttcttgaatc	attcaacttc	caatatgctc	ttcaacaatc	cctcgactat	ccttgtgggt	120
gcattgggtt	gcattgtcgt	tttgtcccag	cgggcgtatg	ctgcgcatac	tccttatcgt	180
caccgacata	gccaacatag	ccctggaggc	gtctatgatt	ctgtccacc	agtcagcgcc	240
tgtggaaccc	gcgctccaac	tgcacacaac	actgtgactg	taactgaaac	catcgatgcc	300
agctcaaacg	agctgaacgt	cattacitccc	acggttgctc	ctgcttctca	tactactgtg	360
gatacttcca	gctccagctc	cagctccacn	tttaccagtg	tctgtcgcgt	ttctctctacg	420
tctacatcta	cgtctacgtc	taagtctgtg	tctgaatcta	cctctgtctc	taactctgcc	480
tctgctctct	cgtcaggcaa	tagcaattca	aaggcaaaag	tcactatccc	gtactatcta	540
tatccatcaa	cggcgcgctg	gacaccttg	gaagaactga	tcgttgccaa	ttccgatgtc	600
caattcaacg	tcactcatcaa	tccagataat	ggcccttggc	tcaac		645

<210> 5970

<211> 1175

<212> DNA

<213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1175)
 <223> n = A,T,C or G

<400> 5970
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 tacaatcaat tectgaaaac tctcatcgca tctcttttgg cctgttcttc tgggtggttg 120
 aacccttcgg aagattcccc acttgcaaga tcttatcttt ttagtccgtt tctagaatct 180
 ttttctcccc ctctatcaga tcaagactct ccgatcccc cctcactctc tcatccactc 240
 tccaattctt ccttttcacc atgactcaac cctccaccat cacacaacgc ttctgttcca 300
 agcccggaaa tctgggtgtg gtagcagtcg gcttcaatgg cggccagtgc aaacttggag 360
 ttgaggctgc ccccatggcc ctggctcgagg ctggcctcct cgatcaactc cgcgacgacc 420
 ttggctacac cctcgactat gacggcaccg tccactacta cgaanaccag atccccgcgc 480
 aagatcccca ccacgcgggc atgaagaagc cgcgcgctgt gagcgccgtg accgaagcgc 540
 tgagcgcaca ggtctacgag aaagcnaagc agggctcagat ggtcttgaca ctgggagggtg 600
 atcactcgat cgcctatcgga tccatctccg gctcggccaa ggctaccgcg gaacgcctgg 660
 gtcgggagct ggccgtcacc tgggttgatg cgcacgcccga tatcaacatt ccggagatga 720
 gccctagtgg aaacatccac ggtatgcccc tggcgttctt gacgcgcttg gccgcgagg 780
 agcagaagga catcttcggc tgggtgcagg atgagcacat cgtcagcacc cgtaaactgg 840
 tctacattgg tctgcgcgat gttgatcgcg gcgagaagca aatccttcgg gacgatggca 900
 ttaaggcgtt cagcatgcac gacattgacc ggtacggtat tggccgtgtg gttgagatgg 960
 ctctggcccc catcggaaac gataccccta ttcaccttct attcgacgtc gatgctctgg 1020
 atccgcagtg ggctcccagc accggcactc cgtgctgtgg cgtctgact ctctgtgagg 1080
 gtgatttcat ctgcagagtgt gtgcattgaga cgggcaacct ggtcggcatg gacctggtgg 1140
 aggtcaaccc cagcttggag tcngtaggcg ccttc 1175

<210> 5971
 <211> 958
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5971
 cagtatatgc tcatgtaatt gaatatctat tgaggctcatg cttaaagtagg ttatctatac 60
 gaaatgggga ttgaggata aatagcactt gaacaaaaca gaattgggat agacgttttg 120
 aacaccacgc gctaagccga aacatctttg ggtagaaata gagacgagga acaaaaacaa 180
 tatgaagtaa cattcgtgcg acgagtttcc tttatccggc cattctttta agcggatgtg 240
 ccaccaccac cgcgtgagac gttctcactc tctctctcgt atttctccca gttcgccaaa 300
 atgttagcaa tacgcggtga attcgtgagc ctgtagacat cctcgaaata ttcttgggtg 360
 agttcgaagg ggcgagctgt gacatttgga atatatcttc caaccaactt gctgggatca 420
 atagtgtttt tattgatctt cttagcaaaa aacgaccgga aaggcttcac accagaacgg 480
 aggaaagtgc tgtggaaggg aacgtcaatt cctctcagag ggatggtagc gaagccacgc 540
 tcaagggtaa tgggcttagg cttagactca gtctgcttga cacattcgtg aatgatttta 600
 accaggtgag ccttcacatc ttccagagac atgctttgca tgagagcggg aatgtcaatg 660
 ttctgagcct tcaagtaatt gagtagattt gtaagacagt caagtgcctg gagatctcca 720
 gcagcaacgt attgcatgtt tgcgacgttg tagttgacaa tctcaagtag ccagccagtc 780
 tgttcgaga tattctctac cacatactgc agagcctgct cattaaatgt cttggaaatc 840
 cggcttggat tgacagcgca catagagtag ttggagcgac cttgttcata gcgctcaacc 900
 gcaacttgcg tagtcaaccc gcgatagat acgacagaaa ccaagctttc aataggca 958

<210> 5972
 <211> 866
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(866)
 <223> n = A,T,C or G

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<400> 5972
acagatgtga gaagccacga cgcenctaca gtttacgacc ctgcatgtgt tgagatgaca      60
tcacatcgnr cctntanncc aggtgcggct tgatccgac cgcacgaggc ccacgggtaca      120
ctattagatc atagatcacc acagtggagg gccatcacgt cagggactat atcccactga      180
cctccccgaa caacgcgcga tgatgggggc attggaagct ggatcataggc atagggacca      240
tctgccagct cttgggttttc taggaaaaga cggatcggga tatcccccca aacacccttc      300
cgttgcatcg gcccctgtca catacccagg aactcttctt agcccaacaa gcatgtatgc      360
ccgccagcca ttaccgtgct cataccccac gtcggcccgt cagcgtaccc tttgtgcacc      420
ctgggtatat ttgcctacg gattgcgggc gcgcgcttga ggaggaaaag gaaaaacaac      480
agtcacaacc accaaggcaa tcaactgccga ccatccacga ggggtaggaa accaacaccc      540
cccttcgcta ttcttgcgcc cacattgggt ggctccttaa gcagccttgt caatgccccg      600
cattcacatt ctctctgccc tcaaattgtg ataggaccgc cagacagtgc ctcggaacttt      660
aatccgacgc attgtggact ggcactcttg ccagagtac ccccaaaaat acgggagacc      720
atacagagcc tgtgactttg gggatgccga ccttggaaac gctatagagt agtaactcgc      780
cgagagtcca cctggggagt gcacacacgc ctgcacagct cttgactcca gacgtgtgct      840
gtagaccacc tacgacgcta cgcgccg      846

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<210> 5973
<211> 304
<212> DNA
<213> Aspergillus oryzae

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<400> 5973
cgggttcctg cagtcaccag ctactactat tctccattcc ccctcacgct ctatacccgc      60
cgcaaaaacc accaactaca totatcagag aagaaccatg tcttcagact cagcctcagc      120
ctcgggcgcg tacaaactcg tttctctcgt cccgcattcc cacctcgaag cgtgtaaaga      180
ggccatcttc ggcaccgggg cagggacctt cccgggcggg aatatacca agtgctgctt      240
ccagatgcgg ggtcaaggcc aattcctgcc gtctgatgaa gccaaccccg cgattggagc      300
tqca      304

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```

<210> 5974
<211> 711
<212> DNA
<213> Aspergillus oryzae

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<400> 5974
catcgatata atccacacat ttccatacca ctctaatat caatcacaca gctcaatcca      60
cccacactac accgactcca gcaatccaaa atgaacctcc tcttcctagc cctcaccttc      120
ctcaccaccc tcaccagcgc aactcccacc cctcgccaga tgaacatcct ctacccttac      180
gaaacctacc gctactgggt ccaatccggc aactggaaac tcgaccccca agaccaactc      240
ctcgtcgta aaaacggcaa cgcagcagac gaaaccacca gcacgtaac ctccaacatc      300
ccctccgcag ccgacggcca caaatgcaag ctctatttcq acctctggga ccgcgacgtc      360
tccagcggct cgaagcaggc cgacgtgttt accgctacca agcccacagg cgcgagtgcc      420
totgacgcga atactgactc tgcacgcgtg cagtctgtgt cgaaggaggt cgcgagtgtg      480
attgtccagt cgagggatga gcatgtcggc aggattagt ttcttgccct ggaacggcgg      540
attgggtgtt ggcttatcag gggtatccc agtttgaatg gcctcgctgg gcaaattagg      600
ggggtttgag tttgggtggg gttggtgatg aggaggctta ttgggggga tctgtggagt      660
tcggggggcc agggggccca attttgttag attggggggt ggggttaggg g      711

```

```

<210> 5975
<211> 693
<212> DNA
<213> Aspergillus oryzae

```

```

<220>
<221> misc_feature
<222> (1)...(693)
<223> n = A,T,C or G

```

<400> 5975
caacactaca ggtttttgtcg tctcaagttg ctgctgtaat taaagaacgc tcttctgct 60
caggggtctca gcaggaggac gtgcttctca ttctcactgg caattgtttc ataatgtacg 120
atcatgagct gaattcttga acaatcccta ctccagactt ccaccacacc ttccgtgttt 180
catcgacttc caaaagaata cctctcacgc gccatggcgt cctacgaag tgagcacacc 240
aatggcgtaa acggcgaaac acaccccaca gttaaatcat tagcgaacct tcgtttttcg 300
gacattccct ctgccattga tattcctgca tccaccctcg acagcgaggt cgaggtcagt 360
ttggaaggte ttccagacga tctacggag ctttgactc tactagagaa tgaaaaggcc 420
cgcaaaaatt tctgggttat catcgcgctc gcttatgcc nacagaagca aatcgaccat 480
gctatcgaca tncctcaca agggttgaca tcnctcgctc atggagcgac gaaagagagc 540
ctcgctngct gggnttggtg tgccctgggtc ctatgttgaa aaagccgaca agccccccaa 600
tgggcccccg aggggaattg atgccgagggc ttaaaccaag gacattacct tcagctggcg 660
acgtcaccat aatgaagca ttctgccctg acc 693

<210> 5976

<211> 691

<212> DNA

<213> *Aspergillus oryzae*

<400> 5976
cccaccccc attgaatacc gtatcctcct ctctccgtca agatggcata ctggaaagct 60
gtgggtttga cttacaaccg ctacctggcc gttgctgctc gcgcgggtccg cagatccctc 120
aaggagacc ctcgtctggc tgctgagcgc cgtggccaga tggacctgcg ttttgctaag 180
tgggagaacg gcaagcaggg cgaggttcgc tccctcggtg aggccaaacca ggaggccgcc 240
gttgcccatg ccgagaaata gacgtttttc gaaatcactc gcctgcgata atatgggata 300
ttttttacga gaaggggggt acggttgatg atgtgtgggt caggaaatga tttggagctc 360
tgtagcatat tcgttcggtg acctgggtata aatacaatga aaagaccatt tcttttctgc 420
caacagggtg gtttaaaaaa aaagaaaaca aaaaatccct gaggcgcgaa attctgtcgt 480
aaacgacgct ccaactgttaa cttgacacct ctgttaaagg ttacatgcct tcccaatgct 540
aagcgggttaa aggtttccga tgttgccgaa atgggtcccc atcctagcgt catctgggga 600
acccccta at agttgagttg aagtaaaaaa gaaggtgggt atccttacc acatggatta 660
gctattgttt gaaaccagga atttaataac t 691

<210> 5977

<211> 853

<212> DNA

<213> *Aspergillus oryzae*

<400> 5977
tctccccca gggggcaatg tgggatcgga ttgcctttgt gtacaattgt tgtcgtcagc 60
tttgtctcga aattgacccc tccgccatac aatcaatgtc cctgcaagt gtgacttggt 120
aaaattgggt acccgccaag tgccaggcaa tcgtttctca cagcaatcac tattactacg 180
gaaaagtaga tctgacagcc tttaacctggc cgttccaacg agcttttctt ttctcttct 240
tccaatcaat ggtatcatte gcttgcaagg ctctctctcgc cgcgggtccc tgttgcaagt 300
atcgtacaac gacggaagcg ctggccgttc attgatccgt taaccccagg gcgggtcggc 360
ttgccttact tatccccca attaacacgg cgcggcgagt acgacgttc ctatatcccc 420
tcagagtctt aacccccctg ccccccctggg tcgtgttgcc cgatctctgc cgcctatctt 480
ggaaggcgta aatagcctct cccctttcttc cgaggccctt ctgcctcttt aagatacatg 540
gcaggcggtg aactgcaaca acccaccatg accgactatc gattgcccgt ccctcagcca 600
ccactgctc ggaagccggg tcttggtatg cgtgtgggt atccattcca gtcctatgat 660
ggacctcata agcaacagct ctctcaccga tctctcgtc acaatggggg ccggatgcct 720
tgggccaatg cgtcgcctta tatggctcag caacaacgt actccaatac cctctcgtc 780
cctcctacca tgacctctac tcttagttac cctcctctga gaagaatgtc cagcgcacaa 840
acctctacaa gct 853

<210> 5978

<211> 1749

<212> DNA

<213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1749)
 <223> n = A,T,C or G

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<400> 5978
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ccaatcgatc tcagatcgtc gtcccgcttt cgtctttatc ctatcgagc aacaaagctt      120
ctttccaagc agttaaaatt actgggttct gctctgcac tcgttgcaagc tgagatatct      180
tgaaaaacca cttcttttagt ctatatcctt cacacacaca tcaatttcac atgtctgaat      240
caacaacccat ctccaacacg gagaatctca tgaagtacat gaacctcgac cagcgcgagc      300
gcgtgcaggc cgagtatgtc tggattgact ccgttggttg atgccgcagc aagaccaaga      360
ctctctctaa gaagggttac tccgttgacg aactccccga atgtctacct gcgtcccggt gctatctacc      420
caaccggcca ggccccctgg gacaactcgg atgtctacct gcgtcccggt gctatctacc      480
ccgacctttt ccgtcttggg gacaacatcc tgcctcttly cgaaacctgg gattcggatg      540
gaacctctaa caagtacaaac caaccgcaac atgccaaccc cctgatggag gtcaacgcca      600
aggaggaggt ctggttcggg ctggagcaag agtacaacct cctgggcaac gatggctggc      660
cttacggatg gcccaagggc gggttccccg gtgcccaggg tcttactac tgcgggtgtg      720
gaactggcaa gggttactgc cgtgacatcg tcgaggctca ctaccgtgct tgcctgtacg      780
ccggcatcaa catctctggg atcaacgcgc aggtcatgcc ctcccagtgg gagtaccagg      840
ttggccccctg ccccggtatc gagatgggag accagctttg gatgtcccg ttcctctccc      900
accgtgtcgc tgaagagttc ggcgctcgta tctcttcga cccaagccc atcaagggtg      960
aatggaacgg agctggtctc cacagcaacg tctccacctg cgccactcgt gctgagggtg     1020
gtatgaaggc cattgaggct tacatgaaga agttcgagcc ccgtcacgtt gaggacattg     1080
ctgtctacgg tgagggtaac gaggagcgtc tcaactggcc ccacgagacc ggcagcattg     1140
ataagttcag ctacggtgtt gccgaccgtg gtggtagcat tcgtattcct cgccaggtgg     1200
ctaaggatgg caagggttac ttcgaggacc gccgccccgc cagcaatgct tgcccttacc     1260
aaatcaactgg tatcatcggt gagactatct gcggtagcaa ctagatacct taaccaccca     1320
ataaaaaact gaagactttt gtttctctct agcgctcgta taccctccgg cgtcagttgg     1380
gatcgaaacta ggagagcagc ctggcagtggt ggagcacata gattttcttt ttctttttct     1440
ctctccacgg ttgtatttca gggtttcttt aactcagatg ccagagcttg cctttgcgtt     1500
cattacccca tgcggtttat attttaatta ctctctcttc gttacttgtt atgtgggtta     1560
tgtgttacgt caacaacaac atagaaggat cacagtgaat tggacaatca ctaggaatgg     1620
aacaactggt taggaaacag gaaggaaaga agcaaacact gtcttagtac taccgtgtat     1680
caaatacaac taatcattct ctgggtttcaa aaaaaaaaaa aaanaattaa tgcgggcgaa     1740
aattcttcc                                     1749
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<210> 5979
 <211> 720
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(720)
 <223> n = A,T,C or G

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<400> 5979
ggggagtagc agctcgctcg attcggaaga ggccccctct gatcctttca cgcgcgatta      60
gacctacctg ggcgtattgt cagtcgcttc gagagcgatt tcatttttat tttttttgaa     120
taccacacagc tccgtgaacct tcgattgtga gcttccctca agtcccttac gcgggactac     180
agttcaagat gaagpatata cgtggtttta tctcaaccac acaagctttg cgcgttatat     240
ttctcgcaac tattgaaact cctagacccc agtgtcttgg tcccgtttt ctcccaacct     300
tcagcgaatc cgccttctt tccatccgac gcaagctca acagcaagat gcacagcccc     360
aggtgaagag aaggcaagtg aaagatgaag aaatccggtc agaatatatc cagcttgtga     420
atgaagatgg caaattggat ccaccgtaa ggcttcatga tgccttgcctt acaatagagc     480
gcgcggacaa ttctcatatt caagtctccc ctggcttttg cggcgcgcga cccgtttgca     540
aagtcttgaa tcgacttgag atacgagagc aagaacgtgc gaaagcaaa gctgcgcagc     600
tcacacaaaga attcgctcaa acagatcgag ctgaactggg ctatngatgc ccctgatctc     660
tcccaccgac tgaagcaatt gacanacttn ctcgacaggg gccgaaaagt agaggtatat     720
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<210> 5980
 <211> 1398
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1398)
 <223> n = A,T,C or G

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<400> 5980
gtcctgcagg aaggactaga ggcaccttct tttatctgtt tagcaagacc ccaacggggc      60
tgagagaggg ccgttcccg c aatacaatca tgtccaccgc agtgtccacc gccgtggcat      120
gcattcagct tgcagcactc ttctgctacc agccgcagcg gcagtagtca cgattcccat      180
caaaaccacc ttcatcccg agacctttac ttgcaatcct acgatccgct atataccccc      240
aantctcatt cctactctcc gcagtcgctc ctagatccac aattcaaac gtcgggtgat      300
gagttcaccg gcctcgagtc ttgggatact tgggctacgc tcgatgccgg ttatcagcca      360
tcgatagcca attcgacttc tctctatccg acaccgcgca tagaatccct gcctactcct      420
gttaataatg atcttacttc aatcctggaa cttaatgact gccagaatt cctccaatgc      480
cttgacgctg gtttgacatg tctgaagat tactgtcctg agcccgctac cacttttccg      540
cctccgctcg taaccgcaac aatgacatca tccccagct catcgtctcc ttccagcgac      600
tctgttccca ctcacatcag ttctgggtgt gcaaaatcta ctacgccttc tcgcattgag      660
aagcgcacgc agaacacctt ggctgctcgt cgggtatcgc aaaggcgagt ggatcagatg      720
aagagtctgg aagaggaact gtgcaaagtc aacgacgacc gtgaggcatt caacatgcgc      780
gtcactaacc tggacgggtg aacggaagcc ctgagatgtc ttgtcaggcg ggaaaagaaa      840
tagtgcttgc tctattgctt tgggtatata cagtagtgag attataattg acacggatct      900
tgctgtcact cgcgggtatt gcggacaaca gcaacagctt cttcactctc cccgtcgccc      960
atttcccttg gtctcccaat gcccgcagtc gcaagaccga gcgcgagacc gcttagatta     1020
ttgcgaggtg cgaaggttga tgatcataga tcgattggac cgggatcttg tccctgcgtt     1080
tccttttttc cagataccca ttgttgtaag atcattgctg cgagaatgta atgcctgtgc     1140
agcattctgc atgttgtgtt gcagatcagc ttgaccaatc agtactatcc aaatccgcag     1200
caggtataga tgggtctttt cgatgatttc atttgctttt gccgtttgcc agcacctttt     1260
atagctnttt taatgatgga gatctgttgt tcatgtggac gatggatggg ggcgtgtgtc     1320
tgtgtctgta tctatttcta ttaggtaatg cactcaatga tantgannna nnnnnannnn     1380
nnnannaann tttttcct                                     1398
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<210> 5981
 <211> 650
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5981
gtgtgtcagg gcattttgaa tgtgcagaca actatagacc tgctacagtc cgcacgagac      60
gctattgctt ccgattcgag tcagacgtct ataacattgg ccaagcttca aaactccgtg     120
aagtcttctt tcgactctat aaatgacagt ctcaaagaca ctcatagcag cctcaacaag     180
tattcaaagg ctttagataa gctctttaaa gatagaccac ttccaagtac cgaacatgat     240
gcccctcgct cccaagagca cctcatcaac cgagctatcg ccatgcctct cctccgagaa     300
ggacagttct ctgtcgctgc aacattcctc tccgaaatgg cggagaaaaa ggccatggag     360
tcacagcaac aagcgagcgc gggcgctctg gaaaacgcag cgaagctctt agatatagat     420
gaagtcocgt cgaacgaggt tcggaaacag tttgctacca tgtactacat attaatgaa     480
atgaaagaga aaacaacttg ctcccggcaa tccaatggtc aagggataat cgggaagcac     540
tggaaagcag aggaagaacc ctgaattcga actggccggt tgcagttcgt ctggcttttc     600
catggtgggc ctgataggca gggacctatt cccacagggc gacaagaaqt                                     650
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<210> 5982
 <211> 1352
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1352)
 <223> n = A,T,C or G

<400> 5982
 gccgttgcaac ctttaactcca tccctccccct tccctccaca tccaccttaa ttcttggtcac 60
 aatggcctcc cggcgccctag catttaattt caaccaggct ctccggagcc gggctgctct 120
 gaagtcacac cagcccgctca agcgaggctt ctcttccccg gttaccctcc catccaccac 180
 ccagtcgacc accctctcca acggcttcac gatcgccact gactactccc catgggcccc 240
 gacctcgact gttggcggtg ggatcgatgc cggcagcagg gcagagactg acaagaccaa 300
 cggaaaccgag caattccttg agcaccttgc tttcaagggc accaacaagc gcagccagca 360
 ccaattggag cttgagatcg agaacatggg cgctcacttg aacgcctaca catcgagaga 420
 aaacaccgtt tactacgcca agtccttcaa caacgatgtt cccaaggccg ttgatatact 480
 cggcgacac cttcagaact ccaagctcga gcctgggtgt attgagcgtg agagggacgt 540
 gatcctccgt gagcaggagg aggttgacaa gcagttcgag gaggttgtct tcgaccacct 600
 tccagccacc gcttaaccaga accagccccf tggctcgacc atcctcgggc ccaaggagaa 660
 catccagacc atctcccgag acaacctggt tgactacatc aagaccaact acactgctga 720
 ccgcatggtc cttgttggtg ccggtgggtat ttctcacgag cagcttgctc gcctcgccga 780
 ggagcacttc ggcagccctc ccagcaagcc cctacctctc gctgctctcg cctcaccgc 840
 tgagcagaag cgcacccccg agttcatttg atccgaagtg agactccgtg atgacaccat 900
 ccccactgct cacattggcc tcgccgttga ggggtgtcagc tggaggagc atgactactt 960
 caactgcctc gtcgcccagg ccattgttgg caactgggac cgtgccatgg gcaactctcc 1020
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 gagcttctcc accagctaca gcgacactgg tctctggggf atctacctcg tgtctgagaa 1140
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 caacgtcacc tctgcggagg ttgagcgtgc caaggctcag ctcaaggctt ccatactctt 1260
 ctcccttgac ggcacacacg ncgtcgccga agacattggg tcgcaaatca ttaccacttg 1320
 cncgnnccgc tctcccgag gacattgagc gc 1352

<210> 5983
 <211> 621
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5983
 caacaacagc ggacgggtac acttccccgaa gctcctccag cggaccagat gcctggggccg 60
 atgaaagctg aagacagtea gtcaccgccc cagcaaaggf cgatatcgtc gaaatcacgt 120
 agtatcttta cgcgcgattga tgatcgtggf tcggctcttg ctcgctcact tggagtcggt 180
 ccacctacgt cgcgcgcgcaa tgagaactca caagtgaagc ttgaattttc acataacgaa 240
 gcaaaaggaca aaaagggaact caaccagcca gtggcgccct cccctccacc acgagccgag 300
 actgaagcgc ctgctcccca gccggtacct gggatcaagc ctcccgctcg gacgaacagc 360
 ggtcagttta atacgaaacg tccacagcta aaagtgcmaa taccagcga gaattcggat 420
 cggggcagcg caacagcaga ttcactctca cgcgattctg cagggaaaca aacacttaca 480
 ccagccaaag ccaatcttga cgggaacat tccagtgtcg tgttacctcc gccttcgct 540
 tctgcgggtg gaatcctcag tgcaggcgct cagggaccac cgaatccatt tgcccggccg 600
 gctcccccta gcacaactgt g 621

<210> 5984
 <211> 658
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5984
 ccccgctcat ataattgacc ctctgctgtg ctggctccac tttaaggagg ttcccgcgag 60
 gatgtcgtac ggcgtgttatt ccggaacaa cgcggaatg atctcgaac atgggtaccc 120
 cgatcaactg gcccatcttt tctacccatt cctgaacalc gatggctcta tctgcctgaa 180
 tcgaccatc aagtggatct tctatccct cctgctatct cttcagggtg tgtccatcat 240
 ctgggttcgag atgggtcatcc gcgttgccgt tgggtgtctc cgtactggaa atgcagagga 300
 ctgcgcgag qatgatgagg aagaagaaga gatggagatg agaattctga gcaaggatgg 360

ccctaattgga	agtgcggcag	gttctgalgg	caccactgcc	gactggcgcc	gattgaacgg	420
atcatctacc	gtacgccttc	gcgcacgtgg	gcgggttcga	ctcggtgagc	aaagcgatcg	480
caaagcacta	ctatgcagaa	tcggatgcga	caagccaacc	tagttgcgcc	atgtttctat	540
ttcgcatatt	tctttttaac	ggtatcatgg	gattgatatg	cagcgatgcc	gatattaacg	600
acttagccag	cttttgaaaa	aaagagagaa	caccacacgt	tttccaatgg	accaccatg	660
cccaaccc						668

<210> 5985

<211> 706

<212> DNA

<213> *Aspergillus oryzae*

<400> 5985

tctttatcgc	aagetgtcac	tcctttctca	ccccagtc	gttctctagc	atcaaacttg	60
ttttagtcag	tcttttttgt	acagcacc	gaacttgaca	gttcagttca	ccgcccgtac	120
ccctaattcat	ccacttttgt	ccgcataat	gttgttcgcc	aagtcgtctc	ttttcttgtc	180
ctttttggcc	ctcggaata	ttgcgcgcgc	tgccaggcct	aaggcttgcc	ttctcgaggc	240
tctcggcact	gagccaagcc	ccggtgatct	caaagccgtc	tgtgttgata	aagtcgagac	300
caaaatcgag	agcctgtgca	gcgatgatga	caagcaagac	gctctgaagc	agttcgctga	360
cacctgcacc	gctgctggac	acaaagtcgt	cgtcaacacc	tcgacctctt	caagcgcttc	420
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cgctaccagc	acttccagct	ccggctctag	tacctccggc	tctgattctg	ttactaacc	540
cagctcgacc	tcttctttcg	gagtacctct	tcataccgcc	aatgcgggct	cgtctgatag	600
gcataatccc	gctgctggct	ttgctgcagt	tgtcttcgtc	ggcttcgctg	ctacgctgta	660
aggggtgatca	accttcgaat	cttctactca	gctgcgcagt	gagtat		706

<210> 5986

<211> 873

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (873)

<223> n = A,T,C or G

<400> 5986

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ctcccaccgt	cgctctctcc	ttggcagcaa	gacctctcgc	tagcgttcag	tcggacatct	180
tcaagccgac	caagtatggc	ggcaaataca	cggtcacgct	tattccaggt	gatggaatcg	240
gtgctgaagt	tgetgaatcg	gtcaagacca	tttttaaagc	cgataatgtg	cccattgagt	300
gggagcaggt	agatgttagt	ggtgttgatg	cgggcaacaa	acactcggaa	gaacttttta	360
aggaatctat	cgttcccttc	cgccgcaaca	agctgggtct	caagggtatc	ctcttcactc	420
ctgttgagcg	ctcggggccac	caatcattca	atgttgctct	ccgacaggag	cttgatattt	480
ttgcctcaat	tgttctgac	aagaacatcc	cgggctacaa	gacacgccat	gagaatgtcg	540
acctttgcat	catacgtgag	aacaccgagg	gagaatactc	tgcccttgaa	catcagctcg	600
ttcagggtgt	cgtcgagtcg	ctgaaaatta	tcactcgtgc	caaactctgag	cgtatctcta	660
aattttgcct	tggttttgcc	ctggcaaaaca	acaggaagaa	ggtcacctgc	attcacaagg	720
caaacatcat	gaaattggcc	gacggtctgt	tcggtagcac	tttccacaag	gttgccgaga	780
actatccgac	tctggagggtc	aacgatatga	ttgttgacaa	tgcattcatg	caagccgtgt	840
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<210> 5987

<211> 1438

<212> DNA

<213> *Aspergillus oryzae*

<400> 5987

cacttggtct	catactctat	agaacaggag	actgctactc	tgtacattac	ctgaacactt	60
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tgattccccc	tccgttaacga	attccggtcc	tctcttatct	catttttttaa	acgaattacc	120
cctcctactc	ttttcacaat	ggcccccgct	gtcgggtatcg	atttgggtac	cacctactcc	180
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aaccaggtcg	caatgaacct	tcacaacact	gtcttcgatg	ccaagcgtct	gatcggtcgt	360
cgttatgccg	atgctgaggt	ccagtcctgat	atgaagcact	ggcccttcaa	gatcgtcgat	420
aagggtggca	agcccatcat	ccaggttgag	ttcaagggcg	aagagaagca	attcactccc	480
gaggaagtct	cctctatggg	cctgaccaag	atgcgtgaga	ccgcagaggc	ctatcttggg	540
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ccaaggtgct	tgccttgctg	gtgaagacac	ccacgttctg	gtcctcgatg	tcactccctt	1320
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<210> 5988

<211> 692

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(692)

<223> n = A,T,C or G

<400> 5988

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accacccgta	cgattatgag	ccccagaatc	cgtatacgca	gcaatctcct	ccaaacccaa	180
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accatcctcc	agactctcgt	ccccaaagaag	ccgacaacac	ttccgacaat	gagggaactg	420
agcgcaatct	tggangggca	cttgctgggtg	gcgctgggtg	ctatqttttg	ggacgccaaa	480
gtaaccatgg	tcttctaggg	gctgtggggg	gtgcgatact	atggaacttc	gtcggagaca	540
agatggagga	ttaaccagat	gatgangagg	atggtcatta	taaccgnacc	accaccacca	600
tgggcataat	caccacgctc	aaaagcattt	gtaccgcccc	tcgccatcat	aaacatcatg	660
ggcattaatc	gaggcattct	tgaacagaaa	cn			692

<210> 5989

<211> 676

<212> DNA

<213> *Aspergillus oryzae*

<400> 5989

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gcaagtcctc	ctcaactact	gaggtcatta	tcaaacccca	tgaatgggga	acgtatagaca	180
gcgacccctg	ggcgctcgat	aagaaaggaa	ccttcacacg	gatcatcggc	gcagattgct	240
actggatgtc	ttcgcagcac	gagaacctcg	taaatacgat	gaaatgggtc	cttgcacccg	300
gcggcaagggt	ctagggttgt	gccggatttc	acaccggggc	aaccatcggt	gccgggttct	360

tcgaaactgc	cgtgaacaac	ggcctggaga	ttgagcggat	ctatgagcgg	gatctcaatt	420
ccggggcgga	agacgggaag	gaagtccgcc	gggactgggt	acctgagcgg	gagggcgaag	480
gccccgagaa	tcgcaggagg	tgggtgtgtga	ttgtctctct	caagagaaaag	ggagagtaga	540
tggggccaaag	gattcagata	cccaggataa	agcccccaaa	ccagcatcca	taagcggcat	600
atgccaatgg	atccatacat	catgactgat	gaaacgtgac	gactgtacag	catgattgaa	660
gatgaaaaag	aaataa					676

<210> 5990

<211> 691

<212> DNA

<213> *Aspergillus oryzae*

<400> 5990

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atccaggagg	caggtgatgt	ccgttcatcc	gtccctgtga	ccatctctgt	cactaccgat	180
gccaccatca	gtctctctga	ggacaagtca	accattggcg	agtcgaccca	agccccgaag	240
agcctctcca	agggcgagaa	atcttctctc	aatatcacc	agggcgatga	actcaagtac	300
accgtcactg	ctgggtgagct	cactagcgcg	ttcaagatcg	tctttgacgt	tgacaagagc	360
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accactaaga	ccgagacca	gactgaaatc	gaaatcgaac	gcgaggtcga	ggttgagaag	480
gaatggacca	agggcaagaa	gccagagagg	aagaccagca	aggagactaa	gcacgaggca	540
aaggctgggtg	cacactccct	ccagcacgag	gtcgagacca	agttcaagca	ggagaaggat	600
aagagcgaga	cggaaaccga	gactgagatt	gagattagca	acaagaaggt	cgagggttgag	660
tatgttatct	actagcgctt	agggtttcac	g			691

<210> 5991

<211> 1004

<212> DNA

<213> *Aspergillus oryzae*

<400> 5991

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cggttttacg	catcgagaa	tcgcgtgggtc	aatttagatt	acaccacact	gccttctaca	180
tcagagttag	tgcccatatc	ttctgggtggg	ttttacgcaa	acctcgtatc	cttcttcttg	240
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aaagtatata	gatgttttga	aaccacaagg	agactgcctt	caaaggctttt	gcagcagtga	660
cagagaactg	ctcagtcctaa	gtatgggggtg	tgtggatgga	atgaggctga	aggatgaggc	720
tggaggatga	ggctggagga	tgaggctgga	ggatgaggct	ggaggatgag	gctggaggat	780
gaggctggag	gatgaggctg	gaggatgagg	ctggaggatg	aggctggagg	atgaggctgg	840
aggatgaggc	tgggaggcta	gaataataaaa	agtcacgcga	gaaagaagta	aagtcaagaa	900
ggtcaggatt	aattccaaac	tttagactag	tcttcagaaa	tgtgatagaa	gatgggtacc	960
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<210> 5992

<211> 712

<212> DNA

<213> *Aspergillus oryzae*

<400> 5992

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gcgctactgg	agtcaccatc	ggaatgcctc	ccgtacctct	cagatctctc	tcgaacagcc	180
cgcgatcacc	ctggaagacc	atacaqaqqa	tccagattcg	gagacgagcc	gcggactatg	240

ggccaggagc	gtatcagtag	atgatcatgt	tgteglccag	ggaaagtccg	gcattggcgc	300
atatgtggtg	tggagctgta	ccatacaaac	cctcgagggt	ggtcccatca	gcgttcgcat	360
gaggtactct	gaattcgatg	acttgagaca	aaagctgata	tcttcattcc	cgcacgcgaa	420
gaatgcttta	ccagctctac	caccgaagag	tgttctcttc	aaattccgtc	cagcattcct	480
tgaatcccga	cgggtcgggt	tggaaacttt	cttgaactgt	gtccttctta	atcctgaatt	540
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ctgtaccact	gctatacact	cacagaatca	tgacgttacg	cctatctata	tatttgccgg	660
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<210> 5993
 <211> 723
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(723)
 <223> n = A,T,C or G

<400> 5993						
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cgtcatggca	taactggggt	cgttgggtct	tactggccgt	catcatcgta	gtagccttga	180
tagccttctt	cttttaacga	tgtctctcgg	ctcgtaaacg	ccgtcgccac	ggtcaacgac	240
ccatctacgg	caccggcttg	atcccaggca	cacagcctcc	gccaggccaa	tggcagcaac	300
agcaatatcc	atctcaacca	ccacctgcgc	cgcggggata	ccaaccgtcc	accgagcatg	360
gatacgggca	gaattacggt	tcaaaccaaag	ggtacttttg	tcagcagcaa	tacggatccg	420
agctacagca	gccaccgaac	gcatatgcgc	gagacggcgt	atactcacc	cccgcgggac	480
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cgtatacatg	gntaccgaag	gaanntgacg	agnngccatt	ggcggtgtat	gataattcgg	600
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cgt						723

<210> 5994
 <211> 697
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(697)
 <223> n = A,T,C or G

<400> 5994						
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gagctcgccg	ttgttttcgg	ctcctactgt	aggaatctag	atcttcggctc	cagctctgac	300
cgcgccgaac	ccgtctcaaa	gccatattca	ggttaatggc	acaagcacgg	cctcatcggc	360
ctcatcggtt	tctgctaccc	aaaagagctc	gacaacaagg	tttgaggaca	tgcgaccatc	420
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gtcaaacctt	tccgttttgat	gctgcctcta	caaggan			697

<210> 5995
 <211> 932

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(932)

<223> n = A,T,C or G

<400> 5995

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aagttaaaaa	ggacatgaaa	caataaatac	tacggaaatg	acggagtagg	aaaccttgtc	180
acgaggggaa	tggcccaaat	ggcgcgattc	caaggaaactg	acggactgag	gcaacagctt	240
gtcctttccg	gctatcgggc	gaaagtcaca	tttcacccct	tatcagtggg	gatattgact	300
caaaccctcg	caagggtggt	taaagtctcc	cggtgtccca	ccctgtccac	ggcttggttc	360
tcttactacc	ctccaaactgt	caacccttta	agcacaccac	cttacctgtc	cacttcgaac	420
actttctccat	tgaaacattc	actacacctt	tcaatttgcg	caagtaaaca	tgcctctcta	480
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cagggaaaaa	ggcgggaacca	tcaagcatga	gtacactctt	atcaagggtt	tcactgtcga	600
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tcaagaagta	aagaccaggt	gataggaata	cgcctcgatc	ccggggcaaa	cggcgatata	720
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agaatgtttc	tcattgagtag	cgggactgct	gtgcggaaag	ctggactcat	ctgggactgt	900
tcccttggtc	aattatgacc	canaatcata	tc			932

<210> 5996

<211> 688

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(688)

<223> n = A,T,C or G

<400> 5996

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atagcaaaat	ggcacctcgt	ggctttacga	atcctgtctc	caaaactgag	tctgtctcgt	180
ctgctttgag	ctcgtttacc	tgtacactct	gcaacaaaatc	ctattcgcgg	catcccaggt	240
atgaagcaca	tatctcttcc	tacgatcacc	agcatcgcaa	acgccttcaa	gatctttaa	300
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<210> 5997

<211> 657

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(657)

<223> n = A,T,C or G

<400> 5997
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 cgggcaattg cttccttctc caactgctcg cgcactaaca tatcggcctt ttcttgctgc 240
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 ccccgccgt tttgtgtctg atttgctgca ttgttgctgt tgtctttttt gataaatgta 360
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 gactcttctc cttcttctct agtaacgaag cctnctcat cttcatctc ttttatttgc 600
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<210> 5998

<211> 687

<212> DNA

<213> *Aspergillus oryzae*

<400> 5998
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 gtctcttttt ctcatccgat agatccttat ctttctcttc actcacaata tgagggtttg 180
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 agaaccatgc attaaccgtt tcaatgatag acgcgttcag acctggttcg tggagatcag 360
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 ctgacagagc atgatcttct gttgcaatgc tgggagaagc cgcattgctt gatgggagac 480
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 gcgttggatt aggaatgaaa acctgggtac cggcgtcacg ccggccgcgc aaagtcctta 600
 cattgcgccc taaaccagtt tgggtgggct cgcaatcttc acctgattaa gccctaactc 660
 gccatggctt gogttaaacc tgaactt 687

<210> 5999

<211> 1247

<212> DNA

<213> *Aspergillus oryzae*

<400> 5999
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 ccgcgcgtgt ctccaagacc gctgccgccc ccacgagcg tatcaagctc ctcatccaga 180
 accaggatga gatgcttgc gccggtcgtc tcgaccgcaa gtacaacggg atcatggact 240
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 aogtcatecg ttacttcccc acccaggctc ttaactttgc cttccgtgac acctacaagt 360
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 gtaccogtct tgccaaagat gctaagtcog ccaagggtgg tggtagcgt cagttcaacg 540
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 gtttcggtec ctctgttctt ggtattgttg tctaccgtgg tctgtacttc ggcattgacg 660
 actccatcaa gctgtgtgtc ctgggtgggt ctcttgaggg taacttctct gcttcttccc 720
 ttctcggtcg gactgtcacc actgggtgct gtattgcttc ttaccctctt gacacgctcc 780
 gtcgtcgtat gatgatgacc tctgggtgag ccgtcaagta caactcttcc ttgatgctt 840
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 tctccgttgg tgttgccggg gctgggtgct tgtccatcta cgaaccaggc cagctcatcc 960
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<210> 6000
 <211> 685
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6000
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 tggttatcttt gctgttgact cctccgcga cagcacttat tcttgggcca acggcacagc 180
 tctcgttgcc acttacgagc gcagcctgaa ctccaccggc atcgctaacg gaacctcatt 240
 ccccgcgatc cctgaccaga atacctttgt taacaatggc ttgaatacgc ggccaacggt 300
 ctteggatgt aacagtacga acaccacagg ccctacgcct ttggttgtct accttccgaa 360
 ctatccatac gtgtcttact cgaactggtc aaccttccag ccaagctatg agatctccga 420
 aagagacgac accatccgca acggatatga tgtggtgacg atgggtaaca gcactcgtga 480
 tggtaactgg acgacctgag tcggttgtgc tattctgagt cggctcttcg agcgcacgaa 540
 caccacaagg tgggatgact gcacccaatg ctttcagaaa tactgctggg atggcactac 600
 gaacttcacc aacctgagc actatgagc tgtcaccctg ttgaagata gtgctgggtc 660
 cgctcttttc cggctgtat ataac 685

<210> 6001
 <211> 681
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6001
 tgtcatgcag cggcagactt gttgctatcc tacagcgtac ggtgtctggt ggcacacatc 60
 ctgcgcgcc caccttcagt aatgcaagt ccatagacc tcaaccaggt gatatccaat 120
 tagattcgcc tgaggatata tgtgcccccc cctttgaaca attgggcaga attccggtga 180
 ttgactatga agagttggag gagtttgtg ctcttaatca gaagacgaag cctatcacia 240
 cggggcgcaa gcacagcctt agctcacaga gcaagaagtc tegtgttttc tacgatcttc 300
 gtccgaacgc ccagaagtc gaagcccag aagcgaagcg ctcatcgagt gttgagcgct 360
 catcagatga cattattgga ctgacttga aagacaacga gaaagtcttc gcggatgctg 420
 tcaacgaaaa acaattagtt gaaaatctca aaaatgagaa tgaaccgact ctgttcggct 480
 tcttctcgtc cgagtcacag agtactgtac atgctgcgga actgggcgaa ttagttttcc 540
 ctgtggaaca cctttcgaga cctttttcca actggccccg gaaagaggcg ttggtggctc 600
 gaagttttga atccccctga acccaaattg gtgctctttc gaaaaccttt ttcaattccc 660
 ccaactggaca aacaaagaaa t 681

<210> 6002
 <211> 694
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(694)
 <223> n = A,T,C or G

<400> 6002
 cgaaggccag cgcagcactg tcaatatcc ctctctcttt atccgcccc tcaatacacc 60
 agggccatat ggaacacagt tttttccaca gctacattg cccccctagg gtcacaaaaga 120
 cgacccctgt cctcccagac acccagcacc tcagcgcgtc tcaccggccg gacctgtatg 180
 atcacaggcg ggacatcagg aattggattc gcaatcgcaa accgatccct ccaagagggc 240
 gcagagcgca tcatctcgt cggaacgatg tacgagcgct tcttcaaagc cgcaccaga 300
 ctccaaagtc atgacgaagg cgcgcgaaa caagaagcgg ctgatgaaa cgtacgaaa 360
 tcaacaggaa ctttagtga atcatcggat agaatacgtc tcttgtggg tgatgfatcg 420
 gaggtcgggt cgtggctgag tgagctaaa aaggcgatgc aaccgcctga tctcctaac 480
 aatgcagctg ggatctctaa ctccaatatt cttccgaaga catctcctga ggaagtctca 540
 caaacctcc gcacaaatct tgaaggcgcg atcttcacat gtgcgctct tatccgggt 600
 tntctccgta acaggttaaa ggggccgaac cgcgagaccc gacccccctc gaaatgtatc 660

ataaacatct cgtcattact agcgcgtgaaa gggg

691

<210> 6003
<211> 674
<212> DNA
<213> *Aspergillus oryzae*

<220>
<221> misc_feature
<222> (1)...(674)
<223> n = A,T,C or G

<400> 6003
ccagttctac ataatgattg ccccttcaga gcccggtccca tctccagcg ctgccgcagg 60
gctaaccocaa ttctttccca atgccaactt taaggagggt tttgatgaaa aggttgtctt 120
gattgtgggt ggcgccaatg gtattggagc tagccttgta gagctctgtt gccaaaacgg 180
cgttlacgtc tgcattggag acatcgatac tgcccagagga gaggccttaa gcaagaaatg 240
ccgggacaaa tggcctgtct acttggaccc tgcccttcca ccaaagccgc cccgagcctc 300
cttttacacc acggacatca ccgattacca ggccgtagcc tccctctttg accgtgtatt 360
caagacctac aagcgcattg atcatgtagt agtcacagcg nntagcatgn aaagcgggca 420
caattgggtt gaccaaagt gaatttgag tctgtgcaaca gccttcttcc acganggata 480
ttgacgtcaa ctcatcgggt tctctatgt caccognatt gctagcgtct acttccgcca 540
taaccgagac caggagtga tcgaaccatc ctggtggtct cctgtgcccg ttgcttcaaa 600
agagacactg gnggatcaat ntaccaggct tcaagccacg tgtccaagcc taatgccgtt 660
ttttgcctt aatt 674

<210> 6004
<211> 670
<212> DNA
<213> *Aspergillus oryzae*

<220>
<221> misc_feature
<222> (1)...(670)
<223> n = A,T,C or G

<400> 6004
gaaaatacac cgaggccatt actcgacgtg gacgtcaac ggtcatcttc tgcacactct 60
tctttttgcy tttgaaggaa actccttgct ctacccgtae aagtgtaccg ggccaatcca 120
tcgatcataa caagatagtt cgtttgcaga ccacttaaag gtcagtcatg accggcatgg 180
ttcagactga cctagcacat ccacgacgt ccaaatacaa agacgagccg gctgacgagc 240
atcttcgaca cctgggcat caaggccccc cacatcttca acttcaacat ccaaggccag 300
cgagtcttgt ccaacagcaa aagcagccca actctctct tcaacccaqc gcaqgtctat 360
cttctggatc gtacgcccc cagccctgg ggaacggagt tctgcaccat ccgaatccgt 420
acggaccacc cgcacaagag ccagcgtact acgcatccca cctccatat acagcagcaa 480
gtgcaccagc acagtatccc tctagtggac cccctgaaat gatggcnaca gccaccaga 540
tgcaaaggcc ttatcttcca attaccaaac accacagtc ggttctccag catcggaac 600
ttctcagta catgaacagc acagccggaa cctttacagt caatcgccac aaatggcacc 660
gcagatgtat 670

<210> 6005
<211> 732
<212> DNA
<213> *Aspergillus oryzae*

<220>
<221> misc_feature
<222> (1)...(732)
<223> n = A,T,C or G

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<400> 6005
ctcgcgcgcg cttcgtcaat gtccctogaat ggtggcgctac ttccgggtctc gaactccggg 60
acactgagcg agccctcgag tcagccagcg cgggaaggccg tgtgtccgtt ctagactggg 120
ggaagaaagc ctcgcgcgaac gcacccccat cggacccccat cccctcaaa gtccgaaaat 180
ccgtctctta agcagcacia tcaggccgca cagcatccct cgctgggtgg gacgcctcag 240
gcattccccta cagccacgcc gaatcagttg cccgcattcgc cagcacgcac ggccacgtcc 300
acgtgctcga cttctggtag cgactcaaag gcgccaagat gatcttcgac tcgcaggtcc 360
ttgtcggacc gacaaagaac ggacacgaca acgttctcga atgggtggcg cagagcggtc 420
tccgcgtcga gttcaagacg tgcgatatcg aagaggccct cgaagatgca gaccccggtg 480
ccggtgccga agaaagagtt cggcggtggt gggctcgcaa tggactcaac cttggcggtg 540
ggacgagcga atggatgana acgaaagtgt tgtgattgta cttcttgggc ttcccttctt 600
ctccttccat ttgtataatg acttgatcgg attcttatng ttagaaatac cccttatttg 660
gctttacggg ttacngagca caactggtta cgcacttgat tatataggta tagcctacac 720
tttaaaatga ac 732

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<210> 6006

<211> 665

<212> DNA

<213> *Aspergillus oryzae*

```

<400> 6006
ctcggaaatga cgcgaatagt cctgtcacca tgttagccaa actgctactc atctctaagc 60
tctttggacc aatcttttgg caaatatacg ccatacttgg aggggcgggt tccaccgct 120
tacaccgact cacctaccgc gctgtcgagc atccgcgcaa tgttgtcgtt atcggtgctt 180
ctttcgctgg ataccacgcg gctaaatgcc ttgtcagttc gcttccaact ggataccggg 240
ctgtgggttat cgagaagaat acccattttc agttgacttg ggttttgccg cggtttagcg 300
tggtgaatgg ccacgaacat aaggctttca ttcttatgg gccttacctt gatcatgttc 360
ccaaagggtt cttatcaatg ggttcgtgat agtggtgagc gaattgtacc cggtgagaat 420
ggacatacgg ggaaggtaga gctcgccctt ggtaaagata ttgaattcga ctacttgggtg 480
cttgcgactg gggcatctcg agcacttcca tcgcgagtag cagccgggag caaacaggaa 540
ggcatatacc agctactcgc tgagcaggaa aagctccgag ctgcgacgaa tgtggtcatt 600
gttgggtggtg gagctgcggg aattgagctc gtggcagatg ctaaatcgcg atatcctgaa 660
aaaag 665

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<210> 6007

<211> 764

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(764)

<223> n = A,T,C or G

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<400> 6007
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sactatctcg cctcaccggg gtatgactca cgacaattcg tggcctgttg cattgaaatt 120
catgtctatt ggtgcaacga aactacatga tccgaagcag attgtgatga cgtcgacca 180
cgatgtacag aacaagtcgg agaagaatct ccagaagtat cgtcagatcg aagactttgc 240
caagcaccag ggggttgaat ttatccggg... cggaaagaggt attgggcata aggtcatggt 300
cgaagaaggc tatgcttggc ccggtactct tgtggtcggt tccgatagcc atagtaacat 360
gtacgggtggc gtccgctgct tgggtacgac aatagtgaga acggacgggt ctagcatctg 420
ggccactggg aajacatggt ggcagatccc ggcggttgca aaggtcactt taacgggtgt 480
attaccacgg ggtgtgaccg gcaaggatgt gatcgtcgtt ctttgcggat tgttcgataa 540
ggacgatggt ttgaaccatg caatcgaatt tactggcggc gaggagaacta tgcgcagtct 600
atcggtagat gcccgggttaa cgatcgccaa catgaagana gaagggggtg ccttgtctga 660
actgttccca attgacaatg tattgaaagg atggctgana ggcaaggcta caacagcagc 720
cattgggctt tgcgaagggt ctcttcaaga cctagccccc ccag 764

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<210> 6008

<211> 639
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6008
 ccgacaaact gattgcgcct gactcgcata aaacactgct attctaccgc gcaaggaaat 60
 ggcaccacaa aagtccgtta ccgaagtgcc acgggtctata ctccctcgct tgacatggaa 120
 cggtcctctt gctcggacta ctgttcctcc tccccagagc aacattttat cagcaaggca 180
 acaacagaga acgtacgca tacatagctg gaactctgcc gggcgacaac tacatacttt 240
 gaccttttct cctcactctt ctacatttgt ttccgcaaca gtccgagagc cgaccttata 300
 ctcaatatct agacgattac cagaatcaac gagtcgtcca accagtcgac cggcagcacc 360
 cacaggtaat cctatccgat ataatgggtg ttacgtcgct gcattttaaac cagctcggcg 420
 cgctttccat gcctccgcca cccaacaaaag ggaccaccat ttcgatacgt taaagttcgt 480
 tcagcgggtg aaagaggaag gtttcagtga ggaacaggct gtcgcgatga tgcgagtcct 540
 aaatgatgtt atccaagagt ctattcagaa tttaaccggg acaatgggtc tcagagaaga 600
 caccgaaaaga tgcacgtata ctacagaaagt cgatttcgg 639

<210> 6009
 <211> 1216
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1216)
 <223> n = A,T,C or G

<400> 6009
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 ctcaggaata taccagtcta acaccaggac taccacaatg aagggtctcg cttttgtgtg 120
 tggcctcctg gctacatctg tgtctgcccc catgcaaatg tcgaaaccat atccgattcg 180
 gagtccgttg aacaaggatg cagatggcga gaaggactat tcatacacia acccgtgtgc 240
 tacaagtggc tctgactacc cttgcaaagg atacgctaac gaccattca actctgtcgc 300
 cacatacagt ccaggccagg agtacgagat cgaattgcaa ggtagcgcaa cacacggtgg 360
 nggttcgtgc cagatcggac tctcctatga canaggaaaag actttccatg tgattcactc 420
 cattcttggg ggggtgccatt tganaagaaa tacaagtcac agtccccagc gatgcgcaa 480
 atggggaggc tttgttgtcc tggacgtggt ttaacaagg tccgtaccgc gagatgtaca 540
 tngactgtgc acaggtcaca attgggggtg ctgcgaaact gcaacaacia acgctctctc 600
 tcgtcgtgac agcttcgaca gtctcccga gatcttcag gccaacaaca atggaccagg 660
 ccaatgcacc accactgagg gtgaggaagt gaatttccca ctaccgggtc cctctaaaga 720
 gggaaagctc tctggcaagg gctacacatg caagagttcc gctcctttcc tgggtgattc 780
 cagctccgca gccagtggta ctagctctgc tgcacacgc cctaagagct ctgctcacia 840
 gttcggctcc gcttctgctt ccgcgacacc ttccagcaag gtcgcttctg ccttcggcag 900
 tccgtcctcc ctctcatggcg cttttgccc gccatcccc tcgcagccag ggcgcgtcga 960
 ctgcaccccc ctcaagcacc acgagtcgag ccaggaaaac tgcagagacg gtagcattat 1020
 ctgcagtga gacggccaaa cctggtctat gtgcaccttc ggtcatccta ccttcattgg 1080
 tctgtttgcc gccggcatgc gctgcgcgca cggcgccatg caccgcgtgt ggtgaagttg 1140
 aatctctatt tggacctgct aagtgcatat cctcgacca cgcttcgccc gcgccagtat 1200
 acaccattct tcatat 1216

<210> 6010
 <211> 696
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(696)
 <223> n = A,T,C or G


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<400> 6010
agaatgagta ctatatggcc gagggcacaa cactgttgct ggggcgtgcg caccgcttcc 60
catggtcata ttctcccttt ctttggcgtg ggctgcctct caagtctcat tactttctgg 120
gagacagtct gatctgtctg gtgttactcg aagattgatt gaacaaaaag ccgattatga 180
gatgtgacaa gaccaacagc acggaatctg agcgataagc gnnnannattt actctccgcc 240
gctgaggaga agggggagac tgaattgggtt acatattgat tctgtttatg actgtattta 300
tttattctac tattcttata tattattata tgtgtcacta ttagtatgat atttctattg 360
agaggttata tttgtgatgt tatctcctac tattagaatt agagtgtctg atgttatttt 420
atgttatttt tataacattt ttatgttggtg tgcatacaga tatgtgattg tttatagttc 480
gaacttctat tagttcactg tatctgacta gttatgtgta ttatcgctct ctcttttaga 540
gttatattta tctgtgtgag tgatagtttc tatatatctg tgtagtgag tctgtttatg 600
tctgatagta tctttcgtg ttactgacat actgtcagaa aataaaaattt cctaagggtt 660
aaaagaagtt acccattgtc tcatttttta ttttgt

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<210> 6011

<211> 681

<212> DNA

<213> *Aspergillus oryzae*

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<400> 6011
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gggaattaca aaacctctc atgatgacta tacgattgcc tggatttgcg cgttaccgct 120
ggagatggcg gctgccaaag cgatgcttga gaagacgcac gaatccctcc cccaaccaca 180
agcggaccag aactcctatt ctcttgaga aatgagcggc cataatattg tcattgtctg 240
tttgccctct ggagtgtatg gaaccacatc tgcagccaca gttctctccc aaatgctgtc 300
aacattctcg tctatcaaag ttggtttgat ggtggggatt ggtgggggtg taccagcga 360
aagtgttgat attcgcttgg gggatgtagt ggttagcatg ccacccggt cctcaggtgg 420
tgtgatacag tatgattacg gcaaggcatt atctgatggg tgctttcaac gtaccggttc 480
gtcacaacag cccctcagg tactgttgac tgcctctctc cagatgcgca gcaatcacat 540
gattaaaggt tctgaaaatt atgccactat cacaaatacc ctggacagta atcggtacat 600
gggagaacat ttctcgcccc ctgatagaaa cttgctgttc aatgcgaaat attaaacttc 660
aaagcaactgt cttgaatgct t

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<210> 6012

<211> 970

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(970)

<223> n = A,T,C or G

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<400> 6012
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aacgttgcgt cccgctctgc tctcagggtt ttctctagct ccaatgcctc tgtggctcgc 180
tcggcccttg caaacaatgt gttcaaggcc ccattgacct ctccgctcg ttatcccgct 240
cgcccgacca cttctcccag ccttgcctct gctgctcgca agcctgtgac cactgctctt 300
atccgcatg cctctacccg ccccaaggag ggcgaaggag gtcaggagga tactgatctg 360
atggccggta tcaagagtga ggcgaaagt atcaaggata ccttcagcct cagcgatggt 420
ccccaggagg ctctttacct cggcatggcg ggtgttatcc cctacgttgc cactctctt 480
gagactgtct acctctccta tgagatcaac cgtgctgctt ctctgggtga tggcctcact 540
ttctctggcc agagtgcga gctgatgctt cacatgctcg agccatcca ggtcggtac 600
ggtgctgtga tctttctt cctgggtgac atccactggg gtcttgagtg ggcgggatat 660
ggtggaaagc tgggtacaaa ggcgtacgct gccggtgtca tggcctccgc tggcgtctgg 720
ccactctga tgttncctgt cgaagttgct ttgatcagac agttcctgct ttcactttcc 780
tgtactacaa tgaagctctt gccgcccgtt gccggcctgc ttcgctctgg tacggcatgt 840
acctctttgt cctgaacctt ttgtcgggac acctttgtcc ccactttatc ggctccgaacc 900
aaatcccatf cccgcaccca gcccccgttt aaaacaaaat aaacctcttc tttattttgc 960

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tgaaaaggaa

970

<210> 6013

<211> 728

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(728)

<223> n = A,T,C or G

<400> 6013

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gacgacgcag	gaagcctaata	accaccccgc	aacgcacccat	caaactacca	aagtcgcccc	120
gcattctccc	cacacgctcg	ggcacacaaac	ggcgccqta	caggcgctccg	ctggacctcc	180
aacggtctcc	acctagtaac	atcaggtcaa	gacgcgcgaa	tcggcgctatg	gaacgcacatc	240
acaggcgcaa	acacactcgt	ccacttcgga	cccagagctcc	gcaacgcctt	gacctccac	300
ctcgccgaaa	gggcaccact	agttctcccg	aaaggcgta	cggggccttg	acaagagacg	360
ctcttatggg	ccaatttcag	cgagaacgat	gaccgtgggg	agatcctgat	gttcgagctg	420
cgggagggca	cttttgtcaa	gcgtcttaag	gtgcctgggc	tgatgggcgg	gcaacagcag	480
ttccggggcc	ggcttagtgc	gtccagtgcg	gcgaggatta	attctctcgt	ttggcgtggg	540
aatggggcgt	cgggggaggg	catggagatg	ttttctgcgc	atggggatgg	gacgatccgt	600
tcctgggttt	cgagggaacc	ggagggagaa	ccgatgaag	cggaggaagc	tgagcaagcg	660
gatcgaanac	ggaaaacggga	tgttttggat	gagatttaca	gggggtttat	tgggcaagcg	720
taagctan						728

<210> 6014

<211> 620

<212> DNA

<213> *Aspergillus oryzae*

<400> 6014

gtttggcaca	ctgaccccaa	tcaattgcaa	gtgggagtga	taatcgcttc	gactaatgca	60
tatgatctca	tatcattgac	atttgcgta	tgctaaagac	caaatagtgc	tttaactgat	120
gatctttaac	aagcgtggcg	ttggtttttc	aaaatgtcaa	acgatggata	tgactggctt	180
togaattatc	cacgaccgga	cttatatcac	gttgatcata	gatatggacc	tgcttctgga	240
cgggtccaag	gagaccaggc	tcggtatctc	agtgcgcgcg	cagcaataaa	agctgccacg	300
gacagccctt	ccggctatct	tcaactccca	tatcagctac	ctaaccaaga	gttgatgagt	360
tatacaaata	gcacctccca	gtaccagtct	gccgtccca	tgccaggctc	ttaccaggga	420
ccaccacctt	actatacgcc	gtcaactgct	ccagagacct	cccaaggaca	ggctctctcaa	480
cagcccccca	cttattacag	tacttcattg	aaattcacac	accatacgtc	atactatggc	540
catgatacga	aaaggcgccg	tacagacact	tttactccat	tcaaccagca	ttqgataaca	600
cctacggtea	ctcccgacat					620

<210> 6015

<211> 658

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(658)

<223> n = A,T,C or G

<400> 6015

gcgaactcac	aggcaagatc	gtcctagcga	ttgtaggccg	cgtcattgac	gcctccggcg	60
aagagcgcgg	acagctcaag	caaagattgg	tcaggcacia	atccgactta	ggccagaact	120
atcgcaagt	agtcgcattc	ctcgacgagc	gtaaacccaa	gaaccctccc	cgacccaagg	180
gtaaaacagt	acctacatcc	acggaaccaa	accgaaatca	aagcagttca	agcaagcgcc	240

aagacaacgc	taaatccgct	gaaagagtgg	acgatgatga	cgatgaggaa	gaggaagagg	300
aggtgcagct	gaatctggaa	gaggacgatg	acgaggatct	acgagaaaga	ggcctggtag	360
aagacgacaa	catcgaagaa	gatcacgatg	aagaagagga	agatgaaaat	cattctgctg	420
ctaattcaga	cgaagatgaa	attatgggtg	attgattttg	ccaatggagt	gttatctgtt	480
tatcaatggt	ttcgggaaac	gggatgagct	cgagttgctn	tacttttcat	tcaaacactt	540
ttcaaacttt	tattttccga	cgaggatttt	ccttttttaa	agggggtggt	ccgtggaatc	600
ttctctggtc	cagtcatgac	tgtcaactct	tcagggttat	tacgacaaaa	ttcttctt	658

<210> 6016

<211> 603

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(603)

<223> n = A,T,C or G

<400> 6016

gctgtcagcg	aagctgctat	ttcaatcact	aactttgccc	gcgagttggg	cttagacact	60
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agcggctctt	ctttctctag	catcggatca	gctatcagta	tgtccaagcg	tcacccgtcc	180
gatcaaggcc	aactaggtac	cttagtggag	gacctacaaa	aaggaaatgg	cgagaataca	240
acgatgtcaa	tggcagggtc	ggacactctc	gagcctcccc	ggatgccgca	acatcttttc	300
agtccagact	ccccaaccca	tcccgccatc	agtatgggaa	gtgtgtccct	tcttcatgat	360
aagcccatgc	aaaaaaccca	aaagcaggac	cagccggagc	cccctgcaac	aactagccct	420
accactgac	gacctgcccg	tgcagccccc	cgcccaaagg	gcccttgccg	cggetgtggc	480
gagatgatca	tggggtaate	tgtgtcgtcc	gggattatac	cggcccgga	cgctaccccc	540
ccatgcgcgt	caaccctcgc	ggggctatcc	ccgtctctnca	ccnccccgat	atgcaagacg	600
ccn						658

<210> 6017

<211> 643

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(643)

<223> n = A,T,C or G

<400> 6017

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tgacctccta	ctccgcgggt	ccaggcacac	acgtacaaca	atccaatgtc	tacgcctcca	120
tgcgcggccc	agtcgtcgtc	gaaccagcgc	aaccoggtc	caaaggcaaa	gctaccctaa	180
gcgtttctcg	ctcgatcagg	gctcctggaa	caggcaatgc	ctccaaaacc	gtaaccacag	240
cccccggcgc	caaacccagg	gcaacttccg	ctacccccaa	gccccaaagt	aaatataaca	300
ccctccccgc	agtcgatctg	gtggtgctgg	cgcgctgac	gaggggtccag	aaacgtcagg	360
ctaongtgtc	tatcctcggt	gtgttggtat	aaatcggcaa	ccccagggt	gtcaacccct	420
ccagagacaac	gtccgataac	gacaaacatc	aggcgattct	ctnctnccgc	gncatcccg	480
agaaccatag	caagttcgac	gagctccgct	tnccggctct	tattcggaag	gaaatgtgag	540
tgtctggtgag	aaaaacgggt	cggttatggac	gagatgttcc	gggttggtga	tattgtccgt	600
ggaacccgtta	tctcctcggg	ggatcagagt	ttctactatt	tga		643

<210> 6018

<211> 561

<212> DNA

<213> *Aspergillus oryzae*

<400> 6018

ggatagcggc	atagctacta	acttggtgcg	aggcgatatg	atgcgtgac	gcgcggggcgg	60
ctaattcttc	ttggactgga	cgagagccgt	aagcaagatg	ggctcgcttg	gaatatctat	120
accggcgac	ctttctttgc	tcttgacgta	accccaaagg	gggatgaaga	gcaacagacc	180
aattccaaag	ctgtgattag	cgccatggag	gaaaaggggt	tgagcttctt	ccagtcgaga	240
gtggtcatga	ccttttcagc	tgacgaagct	gccatttatg	cccagtcctg	cgctctcatg	300
gattggaata	accgtaatat	cttctgtggc	acttgcgccc	atccgacgct	ctctgtaaat	360
tccggtacca	agcgtgcctg	tccacctaca	gacgttgccc	gtgtcgtgga	gggaaaacca	420
gccgaacgac	ctgcttgcaa	cacgcgcact	actctttcca	atctctcctt	tgcacgtacc	480
gatccaacaa	tcattgtggc	cgttctttta	accgatgccc	aacgggggtt	tggttggact	540
atttaaaacg	cttatccgcc	g				561

<210> 6019

<211> 699

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(699)

<223> n = A,T,C or G

<400> 6019						
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cgcagcatcc	acccccatca	gtccagcat	cattcgagcg	ctcacagcct	tcacagccag	180
ccaagtttcg	gtagcattgc	ctgcctggt	ggtttccaac	catcgccctat	tcagggaccc	240
atccagcagc	aacaacagca	gcagcagcag	tcgcagccgc	agccgcagcc	tctcgtggtc	300
ttcttcgacg	cggccgggtc	gatcaggcag	aacctgcccc	atgttggtcc	tcagatgctt	360
ggaacagacc	tgggcggcag	ccaagatcag	cttcctgccc	ttcttgagcg	tttgaacgtc	420
aaccgaccgg	acccgtttgc	atttggcagc	gccgcgcctt	ttgccactcg	gcagccggac	480
aacttggttc	atcaacagca	ggttgctacc	atgtcccaag	atcgggctca	gctgcaacag	540
gaacaagaac	aatttgacag	cactcaaggt	gacagcttgt	tcgaccaaca	ggcccgtgaa	600
gaacggctcc	gccagtttca	tgctttgagg	gcacaaggaa	gatgaattcn	gcatgcgcac	660
tgctgagggg	gcttcaactc	acccactac	tggcccntn			699

<210> 6020

<211> 688

<212> DNA

<213> *Aspergillus oryzae*

<400> 6020						
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gagcgtgttt	atagagcgtt	atacggttac	aaagaagtgt	cccatttggg	tcaggtgagg	120
aatttggaag	actatctacg	tggtgcaccg	tatctagtgc	cggaaaaacat	caaattctctt	180
tgccagccta	caatcagaca	cccggactgg	caccgaaca	atatattggt	gtccgacgat	240
cttacaatta	ctggtttaat	agactggcag	catggctcta	tcttaccact	cttctctaat	300
tgtgggtttc	cgcaacatat	atggaattgt	ggggacgagg	tttcaaaatc	tctcgacacg	360
cctaagttac	cagacaattt	cgatgatctt	gatgatagcg	accagcttaa	agagctggaa	420
attctccgaa	aacgtcgtat	ccatcattac	taagcatggt	atactgcaat	gttgaatcct	480
tgtcatacta	ttgccatgga	ccacaaatca	agcttgatga	agggcctggt	tttcaaccca	540
gcaaccaacc	catgggatgg	ggatttggtg	tcacttaaag	cgggcctcgt	tttttttaggg	600
caaaaactgg	aaaaacttgg	ccacccttgt	tccggcacta	agggcggggg	ctggccatta	660
aaaatatcca	aacggcgagg	gaacttgc				688

<210> 6021

<211> 832

<212> DNA

<213> *Aspergillus oryzae*

<400> 6021

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tg	tttac	acaca	atatg	cagta	catcg	tttcc	tcac	cacgaa	tgca	acctca	agcct	tgta	120
gg	gttct	tga	agtgt	ctctt	caatg	gccgc	cagct	atgct	cg	tatactc	ttcct	gtacc	180
tt	ctggc	acg	tcttg	agacc	ccact	cagat	actcc	gacca	tgag	agaact	ttcga	aatg	240
aat	gccat	gc	ttccat	cgcc	gacct	tctgc	ggctt	cagtt	cagc	attact	ggcccc	ctcg	300
aa	agcat	cg	tgtcg	ggacc	gtgcg	cgctc	atgac	cgttat	gcaa	actcgc	tccgg	ctggt	360
tg	gaagc	cg	cgcggt	ttt	cgcat	cataa	ttacc	ggaga	taagg	cccat	gaact	cgga	420
at	ggtgt	ttgc	ggtggt	acca	tggcg	gacgg	aaagt	gttct	cttgc	accaa	ccaac	gtggt	480
gg	gaagat	ga	caaagt	cggc	gatgg	cagtt	ccgac	atggt	cagag	ggg	agtg	aggaca	540
gt	gaaaat	gg	aaggat	cg	gtgat	caaag	gaaat	agagc	cgat	ggtgt	aaagc	gacct	600
agg	tatact		tgtaagg	gta	gtagt	tgcg	tgcc	agcg	caat	gtcgaa	tggag	tgta	660
tc	ctgac	gag	cggag	aaaag	ggtgt	tgtt	aattt	gctgt	acagg	cggt	ctcg	gatggt	720
tc	ctctcat		catcg	aaaga	agcc	acaggg	gctt	ggaagt	cacgc	cggt	ggcg	aggcag	780
tc	gagccaa		tggg	accaag	ttct	gggagc	tccct	cg	tgc		at		832

<210> 6022

<211> 653

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(653)

<223> n = A,T,C or G

<400> 6022

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tt	cgctcg	cc	taccatt	gta	cgccg	acttt	tcccag	ttct	ccatc	ttatc	cgctg	accat	120
gg	ccggc	acg	aaccccc	accg	gtttc	gacat	caagg	aattc	aagg	ccg	cttct	ccccg	180
gt	cggtct	gg	gcaaa	gaagg	accct	tgggc	tcgct	atgag	gctg	gagat	acacc	ggccc	240
ct	cagtcg		ttcaa	accgtt	tcaag	cgat	cttcc	ccggc	ttcgg	tatcg	ccagc	gttgc	300
ct	tgcgcg	ga	tactgc	gcat	acgag	gccgt	cttc	atgaag	cacg	acgacc	atcac	ggcga	360
cg	gacacc	ac	taaacc	agcc	caatt	gaagt	caatg	catgt	aga	acggg	ag	gaata	420
ac	gaacc	gnc	gaccg	atata	aatgg	gttaa	aaag	acgagg	atacc	ccggg	ttgc	agacga	480
ag	acgtcc	gt	atacc	angaa	gggtt	gcggc	at	tttaggtt	cata	caaggg	ggtgc	gatgt	540
aat	gaatct	g	ttctg	gggg	ac	gctcg	gacga	gcggg	aaata	aagatt	ctga	tgg	600
gc	gcgcc	ctt	gctct	aatcg	gcgct	tgggt	tg	ttg	gaaat	ttgtc	cg	tg	653

<210> 6023

<211> 690

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(690)

<223> n = A,T,C or G

<400> 6023

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cc	attact	ac	gaa	gc	gtt	ctt	ctc	cc	agatt	atc	gtagt	ctct	120
tg	tg	ctct	ca	toga	ag	tttg	atct	gtcc	ac	gcctt	catct	gngat	180
ct	ggga	atcg	gtgt	gtgt	ttt	ttct	atct	gt	ct	gt	gt	gt	240
gg	ggcg	gatt	tttt	og	tt	aa	taacc	ctg	aa	accat	gan	gagt	300
tc	attgg	gng	gcct	tatt	g	atc	att	act	at	ggc	gctc	ttgc	360
tc	ggat	cca	aa	gc	att	cca	tag	tat	ctgt	tg	gcg	ctac	420
tt	ctct	acgt	ctt	ctc	actc	ttct	ttt	ccag	act	ctcc	atg	gct	480
ctt	ct	gtctt	tc	atct	cg	ca	ttcg	ac	ctg	tat	ctt	cgat	540
atc	cc	accact	gtc	ctt	ctc	ct	acc	ctc	ct	act	acta	ctat	600
atc	ctt	ga	gc	ct	ac	gc	tc	at	ccatt	gc	ag	ctct	660

tcgccgactt cctcaaata caacctaccg

690

<210> 6024
<211> 676
<212> DNA
<213> *Aspergillus oryzae*

<220>
<221> misc_feature
<222> (1)...(676)
<223> n = A,T,C or G

<400> 6024
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agagcgaaca tgaatccgcc gaaccatccg atgaggatgg ttgaacaata tgccgaggca 120
aatattgcct ttcattattat tagcgcgtct ttgtccgctt ttgattttct ttctttctct 180
cgtaacctatt cactccttatg attctatgga ttgagtttatt tatgtgtgct ttgttagcga 240
gggatgtgtg actactcacc tatcagcttt ctactaccat tatctggcag caaccagtgc 300
tatgtctgtt tatatcgta ttgtatgttg gtacgaagt ttctattgtt tccaaagaaa 360
cctgcttatg ttacttttac tgggaacgca tgtatggaat gaatgttttg atggccctct 420
tatttttggt cttgtttttt ttggtttttt tttttatttt atcttttttc ctatctgcac 480
catttcaaat tcttgagatg gtcaaactct tggatgatct atgatgcaa acacgtcttg 540
cctttagcta tatgccgaat ccagccttac tctgactgat cgaactgttc cttaaagggtg 600
attataagat gaggttgtgg ccccgatata actatgatgc angtggcgtg aagttgggta 660
attcccaccg cactta 676

<210> 6025
<211> 677
<212> DNA
<213> *Aspergillus oryzae*

<220>
<221> misc_feature
<222> (1)...(677)
<223> n = A,T,C or G

<400> 6025
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aattttggag ctgcacgtc gtgtacctgt gcggtgactt gagcgcacag ttattgtttc 120
cgtcagataa caagtcggtc aaggatacag cccgagaaaa ttccagagag gaagacaatg 180
acgccgcgac atccggaggg ggatatgccc cgtggaggac attgcggcat ttgaccgtgg 240
gcgcaggatc aagcattccg tctataact ggtatgctgt ccccggtctt ttagctttgc 300
cataatggga caatatacta atagatcaac aataggttca tgttccttca ccaccacttc 360
aatttcgcat ccaaattcct ctgcacctc actaaggctc gcgtgcaaca ggccgtgttc 420
acaccgctct tcaacaccta cttcttcagt gtccactcgc tgccttcagg cgcaactctc 480
gaggagacct gggagcgtct gaagaaagcg ctttcggtga gtatcaccac cagcgogaag 540
ttgtggcctg cagtcaccgc gttcaacctc atgtacgtgc cggctcaatt tcggaatata 600
ttttctggag ttattgcgtt cggattgcan aacgtatctc aacttggtga aaccanaagc 660
gngcgcagaa gtctagg 677

<210> 6026
<211> 650
<212> DNA
<213> *Aspergillus oryzae*

<400> 6026
gtccaaactac tgccgtgctt tateccaggt ttattcactc gttatccctc acaatcgacc 50
caattgacct cataaccact tctcccgcgc gcgcacacc ctctaccaa gcccaacgtg 120
acgacgacca ccatgcgaac ccacgacgaa ttctcgccg accaagatga gcccgaccag 180
cccacaaaaa gaaacaaggt taccatccc gcgaaccgca tctgctatga ctggatggct 240

gtatctggaa	actgtcacta	tgctagggac	cgcgcgcgat	tcacgaccta	ccgctccgtc	300
gacctgcgcc	tgaaaaacaa	catcttcaat	cccaccgacg	agctacacgt	cgcgggcttt	360
ggcaccgttc	atctcaccgt	gtgtaggagc	ccgcaggacc	cgacgtcgca	tgtcatcgctg	420
ttggaggatg	tgtctcatat	ccccgaggcc	gtgtgtaatg	gtttcaaccc	gctgctattc	480
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gtgtggttta	gtttgcggtt	tgcgggtcat	acgaagtggg	ttttggcggg	ggatcccaag	600
ggtgagtcctg	agttgattga	ggggagggtat	tatacgcccta	atttgtatat		650

<210> 6027

<211> 678

<212> DNA

<213> *Aspergillus oryzae*

<400> 6027

cgctattatt	acccacctcc	aacatgatga	aaatagcctt	ttccttcctg	agtcgtgcac	60
ttttttctct	aagctttatc	gtcataacca	tccaggcaat	tgttggcggg	attgaagcgc	120
cacaggcttc	acatataagg	gcactttacg	ctaaatccga	gtttgggttt	taccagttta	180
gctgtgggtg	agtcctgata	tctccgaata	aaattctcac	ggcagcaaat	tgtgtggatg	240
gtcgggtccct	gagcgatttg	aaaattggat	atggttcttt	agaccgagat	agcgaacca	300
ctaccagtea	tttatcggag	attactatct	atccggacta	tgatccgttg	accttgctcg	360
caaatatcgc	tgttcttact	ctacgagacg	ttttctctgc	gccttcctac	gcgcggttag	420
cccaacagcc	ttctattcga	actggtgatt	ctctgacgtt	atacggttgg	ggtcgaacca	480
gccttgaaaa	gataaaatta	ccaacaaaat	tgcataaggt	cgaagtacaa	gctttggaca	540
caatcgccctg	tgtatctgaa	catcttgatc	ttggctccgg	acaattttgt	gatacatcga	600
cttctgggaa	aggatcctgc	cttcgggtgat	catggcggac	cagccctaga	ttcatctggg	660
actgtggttg	ggatcatg					678

<210> 6028

<211> 685

<212> DNA

<213> *Aspergillus oryzae*

<400> 6028

gaagtccaag	caagatgggtg	tctttctcct	cttgtctccg	ggccttagcc	ctcggatcct	60
cagttctcgc	gggtccaacct	gtccttagac	aggcgactgg	tctagatacc	tggtcgagca	120
cagaagcaaa	tttttcccg	caggcaatct	tgaataatat	cggcgagat	ggccagtcgg	180
cgcaggcgcc	aagtccagg	gtggtgattg	ccagccctag	caaaagtgc	ccagattatt	240
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gcggagatgc	cgatcttctc	cctatcatcg	aggagtccat	tagctcccag	gctcggatcc	360
aaggcatctc	aaacctttct	ggtgctcttt	ccagtggggg	tctgggagag	cctaagttca	420
atgtcgacga	gacagcattt	accggcgcat	ggggctcgcc	gcagcgtgac	ggaccagctt	480
tgcgcgcgac	cgtatgatc	tgttttgag	aatggctagt	tgaaaatgg	catacaagca	540
tagcgacgga	cctgggtatg	cctgtttgta	ggaatgatct	atcctatgtg	gctcagttat	600
ggagccaatc	cgggttcgat	ctctgggagg	aagtccaagg	cacatcattc	tttactgggtg	660
cagtttctca	tgcgcgtttg	gtaga				685

<210> 6029

<211> 674

<212> DNA

<213> *Aspergillus oryzae*

<400> 6029

ctttcaaccc	tacatacacg	cgatcttctc	gtcaaccagt	aaaagccctc	caacatgaag	60
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tgggagttca	cttggagaga	cgcgcgcaac	acaaqacacg	tggaaatccg	ccacggggccc	180
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gaaaagaaca	tcaacatggt	actgtacggc	accgatgact	gttcggggcaa	ggctgtggga	300
caggcgacccg	agcgcttttc	caaagcgtcg	tgggtagaca	tccatgggtt	ccaagttgaq	360
agtctctcta	cgggatcgaa	tgcgaccacg	actgctgcga	atgctaccgt	gacatcgaca	420
agactcaact	aatcgtctct	caccgccaac	agcgaatcca	gcgatgtgcc	aacgacgtcg	480

gcgacgacca	cgtctgatac	agctgccacc	accacaagtg	cgagtgaaac	aagcacgtcc	540
accccgaatg	catcactgcg	actgtccgct	gccggtagcg	acatggccaa	gactgtgatt	600
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agaggaggag	agga					674

<210> 6030
 <211> 647
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(647)
 <223> n = A,T,C or G

<400> 6030						
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tgggcgcggg	tagctccaag	cctgacgctt	cggcgggctc	gaaacatggt	ttttcgagca	180
gtggccccgt	cgagttctca	tctaacctcg	ttgaccacct	ccaatccaac	accgagacgg	240
acgcctcccc	tgcaaagagc	atcgaactcc	agatccaggc	ccgcgtagcc	caagagctcg	300
aaagctctccg	tcaacgcgag	cagcagacca	ttgctgagat	cgagaagcgc	attgcggaat	360
ccaaagacac	tgtccctctg	tctttctctt	ccacacccaa	catcagctac	cctcctggct	420
cgctgaacct	ggatgctccc	cggatccctt	tcgcggggccg	cgaatacact	cctgccccctg	480
tccccgatgc	gcaggccatc	aaccgtgatg	tgctcngtga	ctcggtaaac	accgaaatcg	540
aggaactgcg	tgcctagctt	gaggccggag	aaaagtgggt	taaattgatg	agagcgttga	600
gaaggccaag	tcaatgtcgg	gaactgtttg	cctttgatga	ccgccgc		647

<210> 6031
 <211> 677
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6031						
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gcccctcctg	cggtagtg	cgctgcgttc	gacaagaacc	aacctggggg	caagcgcgac	120
tacaactgtg	tcaacgtctt	ccaaggcatc	cccgacaact	cgaccgtcgc	tcccggcgct	180
gagatcaaca	tcaagttcaa	ccgcaactcc	aagaactgcg	agtctctgac	ccagtataag	240
ggagcgggtt	attctatcta	tctctacaac	aacctgttta	gaaaccttga	cactatccat	300
ttcgacaaaag	aacttttcat	caagaaggat	atccctgagc	aggacggtgc	tgtcacgatac	360
accatcccg	ctcaggagca	gctcggcacc	ggtgcggacg	acagcgtttg	gtatctccgt	420
ctctctacta	gcttgaacga	tgtcccccag	atgcctactc	ttttcaatgc	tgctggaccc	480
ctcgttatct	gtgcttaaat	gtccatggta	gtcgtttqtt	taatcgcgat	ggactattga	540
catggatgga	aggttatctt	gacatatacc	cttgtatcag	cgtatctctc	accgtgaaca	600
cttgaccttc	catatcatct	ttcattacct	ggagatgtac	atgttaatat	cctacgtttt	660
gggaccaggc	cgttgaa					677

<210> 6032
 <211> 551
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(551)
 <223> n = A,T,C or G

<400> 6032						
tgagaatggc	agccttgata	tggaggagtt	caaggagggt	agcaagcgcg	acgagacgat	60
cgtgagcgc	ctgtctctat	acqatgggct	ggtatgagtc	ggtggtggtc	gcacctgtat	120

gtttctttctc	ccatggcctc	ttctttctttt	ctttctcggc	gaatccggtg	tggtcggaat	180
tcttggtttt	ttttatctcc	ttctttttctt	atcttgacgt	aaccatttct	gttttggtgt	240
cattacttct	ttttggtctt	tttgcgctct	ggattcccat	tactacctgt	ccttgacttt	300
gtctaccctg	tgccccgtat	gggtggtatt	ctggtcggac	tgtttctcct	gtactctttc	360
tccaggtctc	gatgaaatgt	gctatatcct	ggtttcatct	ttcggggaca	tttatatcat	420
gaaaaatcac	gggcaatggg	ttgtctcgtc	ggcatcattg	gctttgattg	acaaattcct	480
gttcttccag	tttgcagttt	gcagaaaaga	aagcgcgaga	tgngtgattg	aggttatgct	540
tctctgata	t					551

<210> 6033
 <211> 686
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(686)
 <223> n = A,T,C or G

<400> 6033						
ctgacctggg	ggctaagaag	atctgtgtat	cttcggggcat	ctcaaaacgc	atcgcagcct	60
tggagaaatt	ttcgagccga	ggtgatgcgc	aaccaacctc	gaatcaaaac	ctagcagcac	120
cttcgtcggc	ttccttcgag	gctcttagga	agagagcctc	cgtctcactg	aatggtaatc	180
cggactcggc	gccaggatct	aggcatgggt	cgttcactcc	tgaaagtctc	tctcgagctt	240
ccagtgtgag	gcgccccgac	tgcagtcct	gtgcaagcgt	caaacgtaca	aactcagtgt	300
cggttacagc	cgggataatt	cgtgactcca	atactactcc	aggagattcc	aagggtgata	360
cttcagagaa	cagcgtgctc	aatctccacg	ctagtccctc	gacagttgag	catgacacct	420
gcgaatctcc	ttcacccgat	ccgtcgcacg	aacctatggc	tagcaagtcg	aaagagcgca	480
gcattgtctc	gtcttcctgc	ggctcgagta	accagccttc	tgcgtgtctc	atgccgcgct	540
cagagatctg	gatgtcaatc	tctctcgctc	ccaagaatga	agacacctca	aaacctgtcg	600
tggatgcccc	tttgtctccc	gaaggaaaaga	aagaatctcg	cgtttctcgg	cttcttcgct	660
aagaaagcac	gccgcttgat	tcangg				686

<210> 6034
 <211> 859
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(859)
 <223> n = A,T,C or G

<400> 6034						
ccttatctat	cctcaccagt	caccactcgt	tctcaacatt	tcaaacttag	tcattcattt	60
cgaaaaccca	ccaaaatgaa	atctctcact	ttccccatcc	tctcactctc	caccagcctc	120
gcgcgcgcgc	gcaccgatct	cgacggctgc	accaaatccg	ccaccgtcaa	ccaatggggc	180
gaagccagca	tgatctggta	cgtgccccgac	accggcgaga	tctgcgattt	ccttgactgc	240
ggcggtgggt	gcgctcccc	caagtacaac	cagccccggg	gcgcgcctta	caccggcacc	300
gagacettga	cccccagctc	cccccggg	tggggtctcg	acggcgaagg	tgcgcgctc	360
acttcggctg	tctcggtctc	ggcaacgcct	tccgaggccg	aggccacttc	cactggagcc	420
gttacctctg	atactactaa	gaccggtagt	actttgatta	ctgctgcgcg	gacctgtctc	480
actgggggtt	ggtcttcggc	agctgggtct	ttctcgcggg	ctgggtctct	ttcggggttg	540
gcggagagtg	gttcgtcgtc	gagctctgct	tgtcgggttt	cggggggctc	ttcgaatacg	600
acgtcttcgg	ggggtctctc	ggcgactcgt	aatgcggcta	gtgcgatggg	tatqaatgcc	660
ggtggttatg	ctttgggtgg	gggtttgggt	ggtatcttgg	ccctgttagg	atatccttga	720
ggtagatcac	agaggttaat	gctgggagaa	tntattgtat	tatcaagggt	gaggtattca	780
ttctcttgta	ttatgcataa	ttggaatgag	tacaagtgcc	atcatcttga	ntcnnnnnnn	840
annnnnnnn	tnnnnaaaaa					859

<210> 6035
 <211> 717
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(717)
 <223> n = A,T,C or G

```
<400> 6035
ctcgatctga agatccctgt tgcaaaagtc tagcagggaa ctttgatctc tagttaagtc      60
cgatatcaga aaagaaagca agatgggtgt ctgcagcttc ttccagcaag gccggtgcaa      120
at ttggagaa cgctgcaaat tcgagcacc tcggccaatca agtttaggct cagggaaaccg      180
ctttggagtc ctgtctggag gaggtgggtg tggaggtctc ggaggtcgtt ctgcgcaaca      240
gaaccagcag ccagcaaaact atgggtgtcac agcggatgat atcaagaccg acctaacccg      300
tggttaaggt cgtccagaat ggggtttttt ttgttatggc cctggtaaaa acgccccaaa      360
gcaattat tt ggaggtgtct agcgagagca atctttcgaa gagctgcggc tgcgtcacta      420
tgaagctgct gcaacaggaa atgtagagca ggcagtccaa gaggtccagg ctttgtacgc      480
cgaggcactg aaacagatgg atgtcatatt gaacgacctt ggcggtgccg tgaaatacat      540
cgttgatggt atcaacgagc atccgaatag gattgatatc atagaaggta agacaggctc      600
tgcgtccagt caagggccct ctccatttgc caaccctcg catntcggca accagctgct      660
agcggtcaga cataaggatt tgtccaccgc tcgcatttgg gcagagttct ggattcgc      717
```

<210> 6036
 <211> 671
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(671)
 <223> n = A,T,C or G

```
<400> 6036
caagactctc acggcgatgc agatcgattc cagttgccaa acggagggca agtcccgatg      60
tgtaccataa attcactgcc tgtggctcat tgtggccata catgcaaaga agcaacaggc      120
attgcgcgca ttcaaaaatca tcgatgcgca taacgtaatg caactccagc acggcccgcac      180
cgaagaattc ccgatgaata aaccgatttt cttgctcgac ccaagacttc tccgtcgcgc      240
caatgctaag accatatata caaagaaatt ggataccggg tcgacttcca gattagtcac      300
gaaaggagta agatatttgg attcgaaggt tggccgatgg agcactggga ggtaaggcca      360
ggggcgctca aagaagatat tcacaagctc tacataggca gcatcattga gaagactcaa      420
gjaaataggg tgttctgttg gcattgaatc atccccccag agattccagg cgcaactcaa      480
tgtgtcctata ttcctgcctt cnnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      540
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      600
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      660
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      671
```

<210> 6037
 <211> 675
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 6037
gagagcaacc aatataatca ttgggatcta tttgacttga tcatcaaaat cgtcaattgt      60
ctttttctgt gcaactaagtc ttcgagctcg acttgttcat ttctgattaag catccgcctc      120
ggcttttacgt catacatcta gaaccaagta ctaccagttt caaggcaaaag acttcttttc      180
ttagtgttct attgttacca aatcgacgag aattcacaat ggttcacact acttccacct      240
gttgtaaaac ctcaggagac gggctcctgc tttgcgcagc tcaagccaag tgctcctgcg      300
gaaaggagag cgtctcttcat tgcacctgca acaaggccgc aaccgaaaac actatctctg      360
```

gggctcggtg	ctcatgtagg	gcccgcgccg	ctggacaatg	tacctgtgaa	cgcgacccga	420
gtgagaacca	tcccgtatcg	ggcgaggctt	gcgcattgcg	caaaaggcct	tcttcttcct	480
gcacttgtga	gaaggttgaa	gctatcgacg	cagccgtcga	gagcattgag	acagatttca	540
cgccccgctt	ccggtcgtaa	ttgttctttt	cacttttatt	tctcggttgc	tattttgtct	600
tggttggttt	ttatcatcga	attcattcct	agagttctta	tagggcggtg	ggttggtgct	660
cggaactgca	tcatga					676

<210> 6038
 <211> 720
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(720)
 <223> n = A,T,C or G

<400> 6038						
gcgatacttc	gtaaccgcgc	aggaggattg	atcttgatgg	tcttagaata	cgcgataact	60
cagctataga	cagacattgg	ttccgctctg	agcaccacat	ctangcagcc	ggcccgcggg	120
ttgtgactga	taacgatgag	cagagctgtc	gctcgggaagc	ctattactac	ggaagtgagg	180
ctataactac	gatccaggaa	gttgatccga	cggccacttc	cttgcccagag	gcagtctcga	240
ctatcacctc	catcggcacc	ggatactatg	gaggagatgc	taccgtcatc	cagaagctgt	300
atcccaccgg	cgtaggagag	tctctcgatg	actacgatcg	ttacccttac	taccgcgata	360
attcccatta	caccatcttc	aaggtctatc	tgacctactc	agcgcgcagc	ggctgcgcaa	420
cacaatggac	ccagaccact	gccgtcccag	tgagtcgcgc	cgttgtagtg	cagaacttgc	480
tgccctgaac	cgccacggag	acttcaattt	cggtcgactc	cagccaaccc	ttccagccga	540
ccacttacac	ctatgacgtg	gtctatgtcg	acccgaccca	ggtccccagt	agcagtctcg	600
actccctcag	ttattataac	cgacccacct	ccctgtacac	agggcgacag	tgctattaca	660
ccagcacaga	gggttcctac	agcagaagtt	cctacggcgg	gtactacngn	tacgacgaca	720

<210> 6039
 <211> 661
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6039						
ggacacgaga	cccttctcgg	aggtcgacct	gaatacatte	acgctcacga	gcttcgtccg	60
ggacatgggtg	accctgggtac	atgcgctggg	gtatcgggtc	gtgcagtgcg	tggtcggaca	120
tgattgtgga	gctgttacgg	cggcgatgtg	tgcgcttgta	cggccggatt	tctttaggag	180
tggttggtct	ttgagtcac	cttttaaatg	gagtcctgtg	ttgccgtttg	ggacttcttc	240
ttcttcttcc	tctggagaag	aaggggagga	gaaggggtgt	ggaggaggaa	cggagtccgc	300
ggcagggggac	cacgtgcatg	atgagcttgc	tgcgcgcqgc	aggaagcatt	ataagtggta	360
ttattcgact	tgcgccagcg	atgaagagat	ggtggagccg	gtggccgggc	tccgagagtt	420
cctgcaagggt	tactttttacc	tgaagagtgg	gagttggggg	gggaatcagc	cgtttccggt	480
ggaaggggtg	aacgttgatg	atttggtcaa	gttgcccttat	tactacgtaa	tgccgttgga	540
gggggaatatg	cgccatgctg	ttcataggca	caattgagtc	cgagtcggaa	gggactgttt	600
cggttcgaa	ggagtgggtg	tctgattacg	aatttggcgg	ttaagtgggt	tagtaatccc	660
t						661

<210> 6040
 <211> 669
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(669)
 <223> n = A,T,C or G

```

<400> 6040
ccccctgtt acttccttct ccatgccccct ctttaaaaaa aagcccaaga ctccctccac      60
gaccaactct gctgcattcc gatcagtcga gcattctcca tcttcggtcg cattccctgg      120
cgatcttgac cgacgctttt ccgtctccac caacgaaccg gtgccgccac ttccacctca      180
acatcctgcy cattccaacg tggttcatcg ctgcagagt caccgccgtc cgaacacctt      240
gaacaactat teggtagtcc cgcgcgcgt tgcgcgcct ccgcgcattg tcgatgctga      300
cccttcgcac cagtcgtggc aacacccacc tccagctgag agaccgcagg agcacgaaaa      360
ccgcgcacgg tccagaagaa acctcttctc cctacattcg cactcgtctt cctcccaagc      420
ccctagggag tcgacagggg tcttggaacg tgcgcgttcc gtaaggaaaa cttctccggc      480
cccgcacaaa caggagcaac ggcccttgtc ggtggatacg gctgccgacc cccactcgcc      540
gtcaaaatcg agggagtatg tggtagacac aacccaagac ccttccaagt ctcccgattt      600
gcaggaccaa ggaattccac acgagccccg acctcctcgc tcgccgcaga acccctctat      660
aaccgatn

```

<210> 6041

<211> 659

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(659)

<223> n = A,T,C or G

```

<400> 6041
gcctttcccc gagaaaccag ttcactacca ccacacctcc aaatataaaa acagcagcgc      60
agaaatccta ccaaaatggc cgacaagctc cgcacactcc agaacctcga ggccatgcag      120
gctcggtacg taggtacggg tcaacgcagac acgaccaagt acgaatggac atcgaacatc      180
atccgtgaca gctacgcttc gtatatcgga catccgccga tgttgctcga tatggctggt      240
ggaatggggg agccgaagga gaagggtcgg gctatgttta ttgagaagat ggttaggggg      300
gctggggaac cgctgagac gcaagagtga atggctnggg gtttatgggt gactgtctgc      360
tgtgatcttg ttataaatgg gtggttgtgg gcgtcnaggt atattaattg accacactgc      420
attccctgaa acggggactc tgggtcaagg gttggggggt ggactcaata ttaacgctgg      480
tggtggcatt gaatcatggg gcctcttgga ggcggtggaa tggcgggccg tcaatgggtg      540
ccttgaacgc ttggagtatt ggagattttt ttctaaaacg ggtggccggg atacactggg      600
gttaagaaat ggatgcctat gaaccgcact aaaggcggtt gaatacccag ggctttaag      659

```

<210> 6042

<211> 687

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(687)

<223> n = A,T,C or G

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<400> 6042
ggcgcagga attttttttt ttttttttgg gctttgtaaa catgtatgcy caaaaggaat      60
acacatttaa agcgggaaat tcggaaqgaa ttttttttaa ataatatcac cgcctatgac      120
gaaagcctag taaaagcccc ccaaaaggcc ccccttggtg gaactgcaca tgcgcgaaac      180
ggggggggcc atctccccaa aggggaaaaa gctttcaagg gaacccaacc cgggtgcctg      240
gggatccagg ccccggttagg gaaaccagtc gtggagaaac aaatcagggg gggaaaaaag      300
atttgcaggg ttacaaaatc aagggtcaag agggccctgg gggaaaaaaag gaaagccccc      360
cggggaacc cggggggggg tcttgggggg qcaagaaaaa aaaccttggg ttggggqaaa      420
aacatttgtt gaacccccctc aggygaggtc tccagaaaaa gthrgtgagg gaaaaatttt      480
aaaaaccggg ggagattggg gggaaaaatt ctccgggttc ccccgggcca aaatccgggg      540
ggttttaaaag ggggaaatgg gccatgtgta aaacaagaga ggttttccca agaggctgta      600
agaaacgcct ctctcaatcc gcggtggaat cttttgcccc gaatctgggg gaggcttttc      660
ccgcggagat ggtggagttt ctccgtn

```

<210> 6043
 <211> 440
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6043
 aaacacacta cccctatattt ttttcccccc aaaaaaaaaa ggggggttttt tttttttccc 60
 cccccaaatt tttccaaaaa attgtatattt ttcccccccc ccgaaggggc ccctaataatt 120
 tggcaacaat tttttttttt cccaaatatt tccctaaaaa acccccgggg gttttttttt 180
 accccccaaa aaaggggggtt tttttaacct cccccccctt ttttttttta aaaaccacct 240
 cttggggggg cccccacttt ttataaaaaga aagttttttt ttaacacata attttgttca 300
 accccccccct ttttttttta aataaaaaaac cgccccctct atgggggggtt taaacccggg 360
 gggaaacaaa attgttgaac cccctttttt aaataaagag ggggggggta tcccccccat 420
 acacgcgggg ggaaaaaac 440

<210> 6044
 <211> 822
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(822)
 <223> n = A,T,C or G

<400> 6044
 agacatcaat tgggctaacc tgcattgatg caagcccatt gtgacctgat atccccctttt 60
 gatacttaga tagtggttcta ttatacccca ccaccatgcc accacgagta cagaatcagc 120
 tcgtgacca cactctttct cctacctct ctctctctc cactcttacc tccacaatct 180
 ccaagatccc tacccaatgt tcttctctat caattacatc cacatctcgg cggacatgcc 240
 gtcccttctc ctgcactgtg gcctctcaaa cgaaactacg caatgagatg tttacttggc 300
 tgaacgggtga aggcgcgcgt ctgaaaaacc acatcccggg gtcaaccaac tatctcacac 360
 aaatcaagga gagagatgaa cagcctgtcg gacggaccgc tccgttccca ctaaaccaaa 420
 acttcgtcag cgagtctatt ttgagtgaag agctgaggaa cgagatctac gaccgcgtcg 480
 tanatcagaa gaagagtgtc agagctgtca gtgtcgatct gggagtcgac atcccagagag 540
 tcngtgccgn tgcaggtta gtgcagtggg aaaaacgcca aaaaccacaa ggtaaatcac 600
 tagccctgcc atacgctcgg gccattcatg naatggtacc cagcacacc ctatacgaag 660
 ataccggtga caaccngnna ccgcctcatg agtcaantaa cgatcttccc gtcccacaaa 720
 ctgaccgacc ntcaaattct taccctgct cggaaccccg caatcaaccg ngtcgatcct 780
 ggnccggggt tttcgccgcc cagtttttca aacaagcaag tn 822

<210> 6045
 <211> 906
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(906)
 <223> n = A,T,C or G

<400> 6045
 cgaaaaatgg tactctgggt ggatcttttc gtataccact ccactggaga ttogaatatc 60
 attcaacctg gagagccgct agaccgggc agtgggcagc ctgagggagc qgcgccaat 120
 gtcaagactg gtgagagaat agtgaatccc cctattaggg ctcttttaaga ccaagacggca 180
 gaagacttgc tccctggagac tatctctaac ttcccagagag agccagcgac gatcaaagaa 240
 gaagcagcaa tgttacttct cgcaaacatt aaagaccaca tggagaagct tcttgggcgt 300
 gacctaacag caattcaaga aatgggcaag gatccggagc aagtcaaaga gatccgtgct 360
 gctcttacgg cgatactagg tqcaaagggt gacggattct cggaccttca agacagagct 420

aaagatctgc	cacccgccect	tcccgaagac	gagccgcccgc	gcaagaaggc	cataacttaca	480
atagatcgaa	gcacgacggc	cggattccccg	cgtatctgct	gggctgacct	gcccgaacctc	540
aacgcctatg	gtgcccttgc	tgcattgggat	gcgaccatca	tggaggaaga	tacaagcatg	600
ccgcggtcgg	ctcaatctgc	tgetgaaacg	ctccaggaag	cgaatgatga	gctgatggca	660
cgacttcaag	agtcatctca	gattgtgggc	gacggcgatc	aggactatga	caccggcgat	720
gcaggaaacg	ttggcgacga	cgattcacgt	agccttgatg	ctgtggcaga	tggaatcatg	780
gaagaaaaag	atgaagaaga	tgatgacgat	gatgacgatt	atcgaggccg	cccangtgat	840
caacaacgtg	gtctattgac	ggacatccct	gtagtccctg	gtaccgcaaa	gatagaggcg	900
cattct						906

<210> 6046

<211> 670

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(670)

<223> n = A,T,C or G

<400> 6046

ctacattctg	tttgtgctgg	gtgtttcaag	tgtgttaactc	agatactact	gtgtcgctcac	60
tataaaaaacc	catatttctga	acctcatctc	acccaaaacca	tactatacca	atctaattaa	120
cccaatacaa	acaaaaagag	aaaaccaaaag	acgaaaatgc	acctcaaaac	cctcctcctc	180
acctagctc	taaccacccc	aactctcatc	cacgcaaaag	atgacacaac	aacaacagcc	240
ccctacttctg	gcgcgaagt	atccatctgg	caaccacact	actccggtat	agcgggcagc	300
gtagccggca	taaacgccaa	agaaacaacc	taccacatca	gctgcacca	agacgccccg	360
aaatcgctct	gccagatcga	caagccctgg	accatgatcc	aggcccagga	gtcctggagt	420
ctgacggggcg	tttacacggc	ctggagcagt	ggaaaaggatg	ccgtgacggc	tacgcaggat	480
tattcgtgta	cgttttacga	ttggtcggag	aaggcgtctt	gtgcgttgac	ggtgaaggca	540
acggggactt	tggagggggg	gaagtggctg	agtgatgcgt	cgacgaaggt	tagtggttgcg	600
agtgataagg	ttacgacgtg	ggggttgttg	gtgacggggg	gtgtggagag	ttttactatg	660
ccgcagggcn						670

<210> 6047

<211> 1020

<212> DNA

<213> *Aspergillus oryzae*

<400> 6047

ggtagaagga	tgtcttttctc	cgattcgcca	gttctctgtcc	attcaaggac	gagcgaaaga	60
cgccagtcac	tccggcaacg	atgctcctaa	agctcgatct	cttccctcgg	gggcctcatc	120
ttctcgcgct	cccttcaagga	agagcaacct	tccaccagcc	aatttgaatt	ctagaaaaac	180
cgattctgac	aaacctcgtc	ctcgacgcgt	tttcgacgca	agatctctcg	cggccccctc	240
agccaatggc	caatctacaa	acatccttag	gagtacctcg	ttgcgaagcc	cccgaaggcg	300
accatccatt	cgcgctcgga	ggccgagacc	cccagcaaa	tgcgcagccc	ccaaattacg	360
aaaagggtgga	cgacctcaac	gttcgaaaaa	tacggatatg	gaagaaagcg	atagctctca	420
gattgagaat	gtatatcgcg	aactcgctga	gaaatcaagg	ccaacgccaa	gccgctacga	480
accccagggt	cctgacttct	ctaacctgaa	ggaaacttgg	ccctcttttc	ccacgggtac	540
gactcggaat	acagccgagc	ttgttgaaaa	attatctttt	ctaagtgaac	gctttccaaa	600
tygttatggt	actccttatg	aactgggcct	gcggctcttc	aggggacagt	ttgttcagtt	660
tctcgacgag	gaggaaaaag	cacaggctat	agcagaggcg	aagaaactct	cccaacagcg	720
tgcagacaat	tactcgcagc	ggaaaaggca	tttagtagaa	cccagggaag	tccggttttat	780
tccgctgagt	gtggaggaca	ggaagtcttt	agtgcattcc	ttcatccaag	gagcttatcc	840
caaaactcagt	attgaaaaag	ccgcctcgcc	tattctcagt	gaagtgaaga	agaatctcag	900
aaacaacgag	tcttatcaag	cagcccgtaa	gagctcaca	tttgttgcaa	aaqtggaat	960
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<210> 6048

<211> 820

<212> DNA

<213> *Aspergillus oryzae*

<400> 6048

ggtgtccttg	ataatatcgt	ttcggatggt	atccggatgg	ccgccgaagt	caagaagcgc	60
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gaagaggacg	acgaggaaga	ctacgatcct	cgcagcggca	cttcagcccc	accaaccatc	180
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gaagatacat	ccctcttgga	cgagaaggaa	gaacatcaac	acgcagccga	agggagcagc	360
agcagacaac	agggacaaaag	ctcgtcccat	tcccaaaaacg	atggcaacgt	cgttagcaag	420
ggtgaatttg	agtcatgagg	tctatggtcg	ggttttgga	tgtatcgggt	tcgggtgtctc	480
tctgtctctg	atggttgccg	tatgagtgtt	tgtcctgcac	attactgatc	tcattattcg	540
gccgctgttt	ggtcttactg	ttgtcatttg	tatctctcat	ctagatagtc	cgttcttccc	600
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aggactatgg	ggcggttgga	tgtggagtgc	cgttctgggt	tctgtatgtt	ttgtgggctt	720
tgattcgggc	ggtgtgcgcc	ttcaagcttt	tcattgagaa	ttgcattgggt	tgatccactt	780
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<210> 6049

<211> 1306

<212> DNA

<213> *Aspergillus oryzae*

<400> 6049

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gtccaagcag	aaatatggtc	gtatcgtcaa	caccgctagc	accagcggta	tctacggtaa	180
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ggaccaggct	gcctcttacc	gtctcaacgg	ggaccgcaac	ccttttcaca	ttgaccttgg	1260
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<210> 6050

<211> 613

<212> DNA

<213> *Aspergillus oryzae*

<400> 6050

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cccttttttt	cagccctaaa	agtttttatt	ggagtttttg	ctcctccccc	caaaattttg	180
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ccaatttctt	tgcccccccg	ggggctgttt	aaaaaaacaa	accccttttg	gggggtttga	420
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ttaccaaaaa	gggcccccta	ataacgctcc	tttttaatgc	ccccgttaaa	ttaaacaaaa	540
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<210> 6051
 <211> 659
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(659)
 <223> n = A,T,C or G

<400> 6051						
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cgtcgatcta	gtgggaaagg	tcattggcac	tgacgggtccc	ttaaccacat	acgtaatcaa	240
ttgcaacccg	aagcccccca	atcaaaaattt	ctaccagggt	ggagattgtg	tcagctcatc	300
acacggctgg	acggtcaccg	ctgggtccatc	caccatgcgt	gttgcccttg	atgacccgga	360
agctaccatg	atagaggcat	gcactctcca	cgactccacc	tccttcaact	gcgacataac	420
tatggattat	ggttcttcta	ccgatgtaga	gtccgatggg	ggcaccaccg	nccagccag	480
tgactttctat	cggaccgtga	ccatcaccgg	cactgagatc	gcttccggat	ccgcttctgc	540
acagactttct	cctaccgcgg	gtcgtgctac	tgctacgact	actggcaccg	cgtctgccac	600
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<210> 6052
 <211> 1216
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6052						
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catcccagtg	cgggcccaca	caagcatcca	tgccaatgcc	aaatccatt	cgacagtcga	180
cttatgcttc	ggcaaccgtc	ctccgagccc	acctctccct	acttcaaate	attgaaggta	240
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taaaatcgtc	agcacaagtt	ctgcgtagtt	gtggccgcgt	agtcatgtct	catatcatgt	360
cccagagcct	ccacctaaagc	catgcaaac	ggcggagcga	gcaagattga	aatccgaata	420
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catogaacat	atcggcgctt	gctattagat	ctagaacttc	acaacttcgc	tacaacctata	660
acacacgact	agtatactag	tacctgcac	tgcaagatgg	ctatcgccgt	tcgggttcgtc	720
cgcaccaacta	tcgcgccattt	ctctgttcgc	cgtcgcgcgc	cagacactcg	caacctctga	780
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gagagctctc	ggcgtaaaaa	tacagacggg	ctcaatcgca	atgaagccaca	cccgccgctc	900
tggttccatg	cccgttaata	tgctgtctcg	gttaccatcc	ccgaaggggg	aatctgtcat	960
cggtaacctga	catgcacccg	gacattttcc	gtattatcac	caacctctctg	atgttacgac	1020
ctttcttttt	tcccttggtt	ttgttatcac	cattccgggt	ggacttgcaa	ttgggtggcg	1080
tactggcytt	gatattcatt	acaccacagt	atggaatccg	ttgtgtgaag	cgcattctct	1140
gggaacggagt	ttgctgggtt	cgtgctcttt	tttacttata	agtattaccc	atttctaatt	1200
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<210> 6053
 <211> 672
 <212> DNA

<213> Aspergillus oryzae

<400> 6053

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tgcaagagcg	gcaactactc	ctatgggtgtg	cgcgactgca	ctactgaggc	ctgccctaac	300
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agcagcgcta	ctgggtaccaa	cggtgggtgg	gcctccaaca	ctggtgatta	cgccctctgcc	420
accggcactg	atgcctccaa	gaccggagac	tgcactgcc	ctggcactgc	tactggcacc	480
gatgctttca	agaccgggtga	ctctaccgat	actgccactg	acgccctaca	aaccggggat	540
tctatcggtta	ctggcactgg	taccggcgct	tgcaagactg	gtgacatccc	cggtactggc	600
accggtgctt	attagaacgg	ggactagacg	tgcaatggca	ccgacgcgtc	caaaatggcg	660
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<210> 6054

<211> 650

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(650)

<223> n = A,T,C or G

<400> 6054

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agaaaagaaa	gagatggagc	atgagcttca	gcagaaaagtc	ccggttgacg	aatcgagagg	180
cagccacagc	cccactactg	gtgtcactgc	tgcagccact	gaaactgctc	cccaagcgac	240
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tgatacgact	tccgaagcgg	ggccaactgt	cacgactggc	cctgagacta	ctaagacatc	360
tgaggtgtcg	ggacctggta	gtggctcagc	tgcgcgaacg	gctggtaata	ctggagcgag	420
tgcaaccaag	actgccgagc	cgacacatcc	tcaaaacacg	agcgtanggg	gaacgaatgg	480
tccgtcgagt	actccaccca	aggacacgtc	gcgcaaggac	tcangatctt	cgagtggcac	540
cccatcccaa	aagaaaaaga	agaaccgtgc	cagtgcgttc	tttcataagc	tcaaggagaa	600
actcacctga	gctcatatcc	caccgatggc	caaacgtacg	cgctcgggct		650

<210> 6055

<211> 686

<212> DNA

<213> Aspergillus oryzae

<400> 6055

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agcgaagctg	ggttccttcc	tctctcgcc	tgctcgtggc	ggctgtccgc	gcagctttac	180
gaggggtttg	agcactacca	ccaccatgtc	gtccaaggag	aaaactcgga	tcttgctggg	240
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gcgcgcgaac	caaacggccg	aagctgcgcg	cattgatgaa	gctgctctgc	ttcttctgac	360
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aattggggct	attgactcac	tctcaatggg	ggaacgggtg	cttcacccgc	ccgaattagg	540
gtcttctaac	gctttctaca	gcccagggaa	caaaataact	tgggcatta	attcttgatt	600
ggccgggttt	tgccaggtac	tctctogaac	gatcttccaa	agcataccga	ttcgttttgg	660
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<210> 6056

<211> 743

<212> DNA

<213> *Aspergillus oryzae*

<400> 6056

cttctattca	ggaagatcgc	tgagcttgtc	attacccttt	tactctgctg	atatttcagc	60
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caacaacatc	aacaacatcc	ttactatgcc	gaccctcatt	atcagcaaca	gccaccacct	420
cagtatactc	cccaaccgca	aacatatggc	tactttggag	gacagcaaac	gggcattgag	480
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<210> 6057

<211> 305

<212> DNA

<213> *Aspergillus oryzae*

<400> 6057

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tggtctacgg	gcgcacagat	cctcgatctt	ttgtgctgcc	tccccccaca	ccccaacggc	180
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gtctcccaga	tccattcgcg	agcagggggtg	gtctccacaa	gcttcctcct	cctccgggggt	300
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<210> 6058

<211> 742

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 6058

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<210> 6059

<211> 649

<212> DNA

<213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(649)
 <223> n = A,T,C or G

<400> 6059
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 acttaaaatt acgaggagct ccgtctcagc cgctagtga ttggcagctg caatgggtgac 180
 cggaccagtg tctccgtcaa tgtctgaatt gattaaattt actacttcac cgccaccagt 240
 cgatgtcgac gtggagacgc ctangcgacg gaatgagccg cgggtcattc gagattatga 300
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 ctccgcagtc tgacgagacc atctatagcg agcaaagcgg gacgcggccg aagcagcaga 480
 tgcctcgta gattcgagtc ccacgcacaa tacgctagat ctgcacagtg gttcagtgca 540
 cgatgctggt ccattggcaa tgaaaggatc tcatatggnt gggagtcgtt tggggacgcc 600
 aaatacgtgc gcagcgggtga aatagcccgg tcttgatacc gcacgtct 649

<210> 6060
 <211> 674
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(674)
 <223> n = A,T,C or G

<400> 6060
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 cgcgggcgat cggctgctcg gccagagtca ggcgtcgcaa gtgtcccagc cgcgggtcgt 480
 catgggtggt atcttcgagg tcatggaggg gcgtgcttga acgtattcgc gccttttcac 540
 cctctttctt tctttcttcc ttaactngcc ttcttagtct ctttcttgac tctacgtttg 600
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<210> 6061
 <211> 674
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(674)
 <223> n = A,T,C or G

<400> 6061
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ggagaaaacc	cgggccaaaa	tggtgatatc	ccctggcgta	atattaacaa	gggaatatcc	660
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<210> 6062

<211> 719

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 6062

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gccgatgaat	acaattcgag	gccaaagctc	gcagtcacat	aagcgcactc	tggatgctga	120
gccgtgacat	gatccatggg	ataacgaatc	gcattatccg	tcttgatctg	gatgatgcac	180
tctgggtgggt	gtggattagc	agtttggcag	gtgaggaacc	agctttccgg	aaggcagtat	240
ttggacgatg	tgcattgctc	gagactgtca	ttaagaatac	gaagtggcct	gttctggagg	300
agcaagtcaa	aggcgccgga	ccggagcccc	aacctgggtgc	ttatatcgtc	gagaagaaga	360
gtttcttcgg	gttttcgacg	cgcaagcgac	tcggggcgccg	taagtccacg	gccaanaagg	420
tcagcgcggt	agaagagtct	tacaagcggc	ctgagaacca	agggccacaa	agtaagacca	480
gcacgggtcc	tgaccagcat	gcccgtattc	aggctgcagc	cgctgccctt	cagaggaagc	540
atcgggagca	agaactggcc	gcattcgggg	aaactagaag	gaatgttcgg	gataccacta	600
actcaaagac	aaactttgta	tgacactgga	accggccatt	atgaacgaag	ccttccatgc	660
tttaaaatgg	gccagtacta	ccacaggggc	agcttgccct	caaagccga	tatagtgtg	719

<210> 6063

<211> 654

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(654)

<223> n = A,T,C or G

<400> 6063

caggteccag	ttcaangtct	attaccctgg	ggttcactat	cctcatggtc	ctggggcccta	60
taatgtgggt	accaatgact	cttcattcgc	cgggcagcca	tgtatgggtg	gaccgggtgt	120
gacccacccg	ggtatgggtt	atgctcagaa	tggccaaaat	ggggccatgt	accctagcca	180
tatgaacatg	ggctccatgc	ctcattattc	aatgcccgtg	tctcctcaga	tgaccccaag	240
tgggccgtgg	cagaacggag	ctgttccctc	gcaatccccg	tattctggat	atgcctctat	300
caatcagtea	ccggctatga	catccacgaa	atcctcacct	gcacccaaca	gctacaatgt	360
gcccacagct	gtacagttcc	agcacactcc	tccaggatgg	tcttccccac	catatccagg	420
aggttaccag	cantccacgc	acagggaatca	anccacaatg	ccgtggggcan	atttaccgtc	480
tcaaacagtc	actcctacat	cctaccacata	tggtcaat at	cctggggcaac	ncocatgaatc	540
anggtatgca	ngcgtccatc	cgttgccggg	aagcttcaac	ggtecccatc	candccacaa	600
acaggttcat	tttgtcctgg	cggtacgtcc	ttgggaagga	ccnagccagg	atgn	654

<210> 6064

<211> 634

<212> DNA

<213> *Aspergillus oryzae*

<400> 6064

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gaccgaacgc	gatgccccgg	ggtatcgaga	tctcatctac	cgaccacagg	atctgaagtc	120
catcaaata	tccattcatt	aaggcagcaa	agccgtggct	gctgctacag	aagccgcaaa	180
cacgccccgc	gcagatgggtg	aatccccggc	cccgaatggc	ggaacaccat	cgaagaatgc	240
agttctcatg	ctgcagaaga	ccgaggacgt	tattcctccc	aaaggaatag	tcaactcggc	300
acagctggag	aaagaattga	tccgtatggt	caccaatgct	gtcatgttca	atccccctcc	360
tcagcgcgga	ttcggaaccg	cctttccgat	gactagcgac	agcgggtcga	gagagagcac	420
ccaggttccg	gagtttagacg	aaggagggtat	catcaacgac	acgatagaaa	tgtttgaaga	480
tggtgaacag	gcagtcacgc	gatggcgcg	ggcgaacga	actgccgatg	aactggcgag	540
caagaacatt	ctgtcgcttc	gccgggggaag	ccccagtgat	cttaacacgg	gtagtgccga	600
cgaagttaag	gggaagatga	aatgttcctg	taacgaatta	cagatattgt	tagtattact	660
tgtgaccttt	tcaggaaaaa	aacccccctt	cctgccctta	tttaactctg	gcctctcgga	720
aaggccttgt	ggttgaaaga	aaagactttc	tttaaccact	ttgacacagt	cttttaattt	780
ttggggcgat	ataaaaaaat	taataaatat	atttcttggg	gcgcggttgg	accg	834

<210> 6065

<211> 586

<212> DNA

<213> *Aspergillus oryzae*

<400> 6065

gaatggctcg	tccgatgcgc	acggcgcccta	cctatgcggc	catgtcactg	cgaagactcg	60
ccagttaatg	gtaactatgg	agaagtcaga	aaatcggcct	tatggccaat	accactatgt	120
tgagatccca	aattctcccg	atgcgacccc	gatgcatgcc	cgacgcggtc	gcattctctg	180
actcgcagtt	gccctgagtt	tcattctcctt	gctcacgcta	agcaccgtgt	tcttcgccat	240
cccaggcatc	aatttctctg	tctgtcacia	aatgaggggg	aaatttggtg	cgctttttatc	300
cactccgaag	ggtgggtgaga	cacctgtgcc	ggcatcaagc	aacaagggtcc	cgcttgaggc	360
tcatatcatg	agcaaatgtc	cagatgcgca	ggactgtctc	cagaaactgg	ttgttccctgc	420
tatggagcag	atcagtgaga	aagtcgattt	cgagttgtcc	ttcatttgcaa	gcgtcactaa	480
tcaatcatct	gatatacatt	gcaaacacgg	ccctggcgaa	tgcattggcg	acatgcttat	540
gctttgcgct	caggaccta	cttttctacc	ttgaggggtg	agaccg		586

<210> 6066

<211> 673

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(673)

<223> n = A,T,C or G

<400> 6066

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accccgatcg	ccacggtaga	atgtcaggag	cgtgtctaca	ccatggatgt	caagaacaag	120
ctgctagtgg	ttggaactgc	agaccgatac	attaacatca	tcaatctcga	caatcccacc	180
aaattctaca	aaactatgca	atccccctct	aagtggcaga	cgcgagtagt	cagctgcttc	240
acagatgcta	cgggggtttg	tggttggcagt	atcgagggcc	gctgtgctat	tcagtagctg	300
gaqqacaaag	actctagctc	gaacttcagc	ttcaaatgtc	atcgagagac	acccccaaac	360
gaacgggaba	tcaataacat	ctatttcgct	aatgctatct	ctttccaccc	ggttccatgg	420
acttttcagca	cgcctggcag	cgatgggaac	tttcactttc	gggacaaaga	ngccaaacat	480
cgcttaaagg	gatatacctc	agtagggggg	accatctcca	gcacgcgcat	caacccgcaat	540
ggcaatatat	ttgcctactc	tgtgagctac	gaatggagca	aaggctactc	ggccaaacac	600
caacagcttc	ctaataaagt	aatgcttcat	ccagttgtc	aagaagaggt	gaagcccang	660
cttggtancca	ggg					673

<210> 6067

<211> 646

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(646)

<223> n = A,T,C or G

<400> 6067

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aattccaata	cccctattcg	ctcaacgcca	cacccccaga	gtccttatatt	gatgcgtcta	120
tcaactcagct	tttctacact	gccaacacgt	accacgacct	actctacact	ctgggcttca	180
acgaggaggc	cggtaatttc	cagtacgata	acaatggaaa	aggagggtgct	ggaaacgact	240
acgtgatcct	caatgctcag	gacggttctg	gcaccaataa	cgccaacttc	gctacgcccc	300
cggatggaca	gccccggcgc	atgcgcattg	acatttggac	cgagtcccag	ccttaccgtg	360
acggctcctt	cgaggctggg	attgtgattc	acgagtatac	tcacgggtctc	tctaaccggc	420
tcactggagg	acctgctaac	tctcgctgct	tgaatgccct	tgaatccggc	ggaatgggtg	480
aagggtgggg	agaacttcata	gccaaggcaa	ttcggtctaa	ggcggggcat	actcaactga	540
ccgattatag	catgggtgaa	tgggctgcaa	acaagaaagg	tggcatccgt	gcttaccgat	600
tctcaacctc	cctgggggaac	aacctctctc	actacaccag	tctcan		646

<210> 6068

<211> 713

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(713)

<223> n = A,T,C or G

<400> 6068

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ctaccctggc	gtgggctggg	togtctggcg	gtccccggaa	tatctcccca	aggatctgat	120
tttcaacatc	aactacctag	gagctgaaca	ggccagtttt	acctgaact	tctccaaggg	180
tgcattctcag	gtcatcgggc	agtactacca	gatgatccga	cttggcaagc	gtggctaccg	240
ctccatcatg	accaacatta	ctgttactgc	ggactttttg	gccccagagc	tggagaagat	300
gggctttatc	atcatgagcc	agcgtcgcg	ccacgggtctc	ccattgggtc	ctttcagact	360
gcccgttgag	cgggagggtc	agttcgacga	gtttgccttg	gcacaccagc	tgcgtgagcg	420
tggctggatt	gtccctgcac	acacgatggc	gccccacagc	aacaacctga	agctgatgcg	480
tgtggttggt	cgcgaggatt	tcacaaaagag	ccggtgcgac	gcgctgctta	gtgatatcaa	540
ggtgagcaat	gagaacgtgg	gtgacatgga	caaggctcat	gtggataaat	acacccaana	600
tgtgctggac	caagccaccc	actcgacaaa	gtccaagcac	aaccacctc	actacaaggg	660
agagacgcac	tccctgcang	gtaagcatgg	caagactcat	ggtgtttgct	aan	713

<210> 6069

<211> 1386

<212> DNA

<213> *Aspergillus oryzae*

<400> 6069

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cggtcggggg	gttgccggcc	ccgactcccg	caaggatggg	gatgctatcc	tggctggcga	120
gaactccctc	atgtccgggt	ttgccagggc	cgattccaa	acggcccagg	gctactccga	180
gctcgatgac	tggctgcttg	ctgtcggtat	acgggaaggt	ctcatgggta	acagtgaagt	240
gggcatctcg	aacattgggt	cgggacgtgt	ggtctggcaa	gacagtgttc	gtatcgacca	300
gtccctcaag	aaggggcag	tgaacaaggt	agacaacgtc	qttgcatcct	tcaagcgtgc	360
caagggaagg	aatggccgtc	ttcatctcct	gggcttggtc	tccgagggtg	gtgtccactc	420
caacatcacc	caacttatcg	gcctgttgaa	ggttgccaa	gagatggaga	ttcccaaggt	480
tttcatccac	ttcttcggcg	atggacgtga	caccgaaccc	aagagcgtca	ccaagtacat	540
gcagcagctt	ctcgatcaga	ccaaggaaat	cggcattggt	gaaatcgcca	ctgttggttg	600
acgtactatg	gpcatggacc	gcgacaaqcg	ctgggacgtg	gtcgaaattg	ccatgaaggg	660

cattgtctcg	ggagagggcg	aggagtcgtc	cgatcctggt	aagaccatca	acgagcgcta	720
cgagaaggat	gagaccgacg	agttcctgaa	gcccacatc	gtcgggtggcg	aggagagacg	780
ggtcaaggac	gatgacaccc	ttttcttctt	caactaccgc	tctgaccgtg	ttcgcgaaat	840
cacccaactg	ctcgggtgact	acgaccgcag	ccctaagccc	gacttccctt	acccgaagaa	900
catccacatt	accactatga	cccagtataa	gaccgactac	acattccctg	ttgctttccc	960
ccctcagcac	atgggtaacg	tgctcgtgta	atggctcagc	aagaaggatg	ttcagcaatg	1020
tcacgttgcc	gagactgaga	agtacgctca	cgtaactttc	ttctttaacg	gtgggtattga	1080
gaagcagttc	gctggcgagg	tcgcgcacat	gatcccatcc	ccaaagggtg	cgacctacga	1140
cctggacccc	aagatgagcg	ctgaggccgt	cggtcagaag	atggccgacc	gcattgctga	1200
gggcaagttc	gagttcgtca	tgaacaactt	cgctcctcct	gacatgggtg	gccacactgg	1260
taagtacgaa	gctggcatte	aggggtgttg	tgctaccgac	aaggccatcg	gtgtcatcta	1320
tgaagccttg	caagaagcaa	ggctatgtgc	tcttcatcac	tgcggtatcat	ggaaacgccg	1380
aggaaa						1386

<210> 6070

<211> 655

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(655)

<223> n = A,T,C or G

<400> 6070

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aaccatggga	ccccaggcca	atacaccaag	ccctccacgc	ccgataacgg	cacacgcac	180
tagcaatcct	ctgaccgcta	tgagaccgaa	ctcctcggcg	gaatatggca	cgcccccgac	240
gactacagct	ttatgcattg	cgatacgttc	ataacacagc	aactatatat	cacgcagatc	300
gagcgcaaca	ctaccaatga	ggctgttgac	tactgccttg	gcaagagagg	cctcggatac	360
cgtgaccact	agctcgacca	gtagcccact	gtcaacgata	ccggggcacca	tggtctagcat	420
ctgaataatg	gcgcaactgt	gattgccacc	gagcgcatta	tcgacgacga	catggccacc	480
gttgacgact	tcaggccctg	actaagctgc	ttgacactca	gaccgcgcta	ctagatgact	540
acgaaccgtg	ggctagcacc	ttgagctctg	agctacgctt	ccgaagagga	cgagccgacg	600
ctanagaacg	cgacgacacg	agaccgaaac	gactgactaa	ccactgactg	gggga	655

<210> 6071

<211> 715

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 6071

ctcgaccccc	acgagcactc	gagatgggtta	cagaatgctg	ttgattttgtg	ggacatttaag	60
actcccaaatg	gtaaaacttt	ccctaaagatg	atcccttagag	gggtttttccc	agcgggaaccc	120
gatccggaga	tggtacagtg	gcattgaagaa	gtcagccgac	ggttccgagct	cgactactgg	180
aagaagaata	tcttgcgctc	ctccccctcct	aatttcgctc	cttaccatctc	atacttcagc	240
cagaaggatg	tacggaccca	caaagaagat	gaaccacctc	gaagtcaggg	cagaacaacc	300
cctcacccgtc	aagagccctac	tacgcgaagt	gaacgtcgaa	accccataaa	acaccgtcaa	360
cgaagaaang	acgacaaccc	ttctctcact	actcgcaggg	tacaatctac	atactttccg	420
cgacaatcgg	aaaacttoga	tacgggggtat	angtcccgac	catcatctcc	acggtttgccg	480
gogaaagagt	ccaccaagtc	gcgtacgcgc	gagcgccccc	aggtttatgg	gogatctgtg	540
agtcocggag	cagtaccagg	gtacggagcg	tcagatgcat	cttcogaaga	ctcgggatca	600
gcagcaccac	agccttcacg	gtcagatcga	tacagctacc	atcgcaatct	atcaccaccc	660
gagagtgtnn	ccataacqct	cgtcactcgc	acgaggcata	cgcccgcgca	ccttg	715

<210> 6072
 <211> 533
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(533)
 <223> n = A,T,C or G

<400> 6072
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 tctggtttgt gcagatgttg ggcggtgcgc ttttcacctc ggtagcgcaa aacattttca 120
 gcacccacct agcggagaac ctgcggaacc tgcagctgcc aagtttcgat ctgacaggca 180
 a'cttcgtgc acataagatc acgtttggga tcattggaga cccqtgtctc atctcccttc 240
 ctgcaaggga ggcgaggagc cccgagcctg ccccgaaaag gancgatgnt tattttcttt 300
 taattcttgt caaacggctt cggcgttacc tcgttcaacc gcgggtccct tattttgatt 360
 tccacaattg tataatcaac atcatcttca gcgtatgtag tactcgcgcc tcggggccatg 420
 agtctaagcg acgctcatgt tatttaatat agcgcctata caacattcat atgggaggat 480
 ctgcctccct ggggtgtggg aactatattt ggccggcctc ccttttttgt tgt 533

<210> 6073
 <211> 785
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 6073
 atcaaagctg agaagttcac taataatgcg gcttctggat acgacgctct attcgtgcgt 60
 gacacggtac ctgatagcac aattatgttg ccaaacaagg tgttccgtca gacctggact 120
 ctctataacc cgggccact tgcgtggcct gctggaagtg acgtacgctt tgttggtggt 180
 gatgcaatgt tcaatgtcga taccaaccac cccttgagcc tagactctat ctctgctgct 240
 atggaaagga acaagttgac agagcccta gagtcggcc agagtgccga gttcactgca 300
 acacttaag ctcccagtcg agtaggtact gccatctcgt actggcgact gaagctccca 360
 aatgggatgc ctttcgggtc tagactgtgg tgtgaaatcc aagtacggga agatgcacct 420
 tctatcaagg gcccgctctag cttagagcca gaaggaaagc acggctcgga acgcacagag 480
 agtcaaatga tttcccta aaactggagaag gactctcctg atgcaagtgc ccacgaagcg 540
 ggtgtgtgtag cgcagtgcc accctccgta tccaaccctg ctgagcaaga tgttctggaa 600
 gatatggaga gtttgcctt gggtaatcat aaaacagaga atggattctt gaccgatgag 660
 gagtatgaca tattggatgc cagtgaccag aaatatatgg atgccaagtc acgtgagtga 720
 ttcttctagg ccttgctatc ggggtgctacc atttggaag ganngagttg tcangtaacg 780
 gatga 785

<210> 6074
 <211> 554
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6074
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 agaagaagtc atgaagttaa tccgtcacac taaccaccga cgggtgaatct gccctcatca 180
 cttcttccct gagactgaga tctgcgcctc tacacctgcc ttaggcgtca agatgagttt 240
 cctcgattcc gttctttcat ctatcgagac gggtaaaccg tctccactac cgcagtcac 300
 taccacacaa tcagcgcccg tctcatcctc aactgccaaa tcggaggccc gcaggcccag 360

cacgacccct	cgtgatgtca	ctgagcggac	aagtaatgct	gcaggtagca	aacgcacggc	420
tgatgagctg	ctgcaacgtc	ctcaaaagcc	tctcaccag	acgtctatca	tacaaccact	480
ttctagacca	atggctgctg	ctgctgctcc	taagccccgt	cctacttcta	caccagctgc	540
gatggcgcgt	ataaagagca	ctatatcacc	gtcatcggca	tcacagaagg	caagccccgt	600
atcttcaaaa	cctccccga	agggcgctga	cgccgggata	atggaaatgg	aaaggactgc	660
agcagaa						667

<210> 6075

<211> 680

<212> DNA

<213> *Aspergillus oryzae*

<400> 6075

gacgactcac	cgaagcggtc	cgcgcacgt	cgccagtcca	cctccacgag	gaccccgctcg	60
aagcccaagc	ccacgacatc	atccaagccg	cctccgaagg	ctacggaaga	agatgcggcg	120
aaagctggca	ttcccgccgg	ctactcgatc	aagaactggg	atcccaccga	aaccctatc	180
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ttgatcaagt	tggcgggtaa	gatcaagagg	gccgatgagt	gtttagaccg	gatcaagcag	360
cctgagcacc	aagaagtggg	agaggacttt	ttggagagtg	gtgagcgctt	gtgggcgcgg	420
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cgcgaccgcg	aattggagag	cacggagaa	ttgatgaaca	gcgttcgctt	atggaacatg	600
cgatttgacg	ccaactgcga	agacattctt	cgacgaccgt	tggcatagtc	cctcgaaccc	660
ctttgcgata	tattaaccgg					680

<210> 6076

<211> 954

<212> DNA

<213> *Aspergillus oryzae*

<400> 6076

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taattgatcc	gaacggaacg	tcttctttcc	acaatgaagt	tcttctcttc	gctcgtctctg	120
ctggctctccg	cggctgccc	caaccccat	ctccgtaccc	gcgacacacc	taagaacttc	180
catctcaaga	ccactggcgc	tgacaactca	gcacacaacg	acctctacgt	ctacggctac	240
cacaccggtg	ctggattcaa	cgatgctgtt	ctcacttcgg	acgttggcac	cgcgagccc	300
gccttctcga	acggcagcaa	tgtccagttc	agtctcgaca	cacctttccc	ttggggattg	360
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tactaaagcg	qaaaacctgc	acaagggttt	gccactggcc	ttccatgggt	aaactgcctt	660
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agacgtcccc	gtacctgaga	tgattgtatc	aatacctaga	tacatgtata	tgctgattta	780
atgctaataa	ttataatgag	tccgttggga	tgggatttgg	attttgagtg	tatattatta	840
caccgtgggt	gacgatcttc	agtacttaat	gaccctgatg	ttacagataa	atagcaatag	900
ccagagaaaa	agaagaaaat	tcaataaaca	aaaaaaaaaa	aaaaaaaaat	tcct	954

<210> 6077

<211> 680

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(680)

<223> n = A,T,C or G

<400> 6077

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attccccgct	gatcaagatg	atgtccagtt	gagctcagag	gtaacaatgt	cccaggccga	180
cgactgtatc	gatgattccc	tggatagctt	agacgagatc	tcagatagcg	aagaggaaga	240
ggatgaagat	gatgatgacg	aagatgatga	gcctatccgg	cctcccgtag	ccggaatcg	300
gcgcgcgcaa	tttccagcct	caaatggggc	ttcatcatct	gtcctcgcca	gtcgaatggn	360
ggggtgctcc	aacgtgaatc	ctacgcgatg	cgccgacagg	catcacgtag	tcaaagcaca	420
aatccgtctc	tcttcgagag	tgaattccg	cgagggtccaa	acgtgatttc	ttacgcgatg	480
cgccggcnag	catcacgtag	tcaaagtaca	aacaccgaag	gaaacttctg	cctcgaatgt	540
cataacactg	gacaatgatt	ctgacgagcc	cgttcaagca	atccgagaca	ttgccaaatt	600
accggcgggt	gacctttttt	tattcttaca	tcagatacga	ttcgacaatg	attccgacca	660
tttaaagcgg	tcttattggg					680

<210> 6078

<211> 602

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(602)

<223> n = A,T,C or G

<400> 6078

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acatcgatcg	tcaggttctc	gctcagaccg	acgagggaatt	cgtcctgcat	gactgggaag	180
atctcacagc	gatcatcgcc	cggaacgatc	tccgaattct	aaagcggaaa	ccctccgac	240
tcaaacgcta	cctcgccctgg	acagcagaca	tcacagccca	atatggcaca	atcacagact	300
acatctgtca	acgcgcgttta	cgctggcnac	ctccagacc	tgacaccact	accactggcg	360
gogccacaa	agacagtggc	gcagttttcc	acttcaaaaa	cccgaccccc	tttgcgcacc	420
cgccgcacta	caagattctc	cgcaacgact	ggccctaeng	cgtaacccca	gatatgaacc	480
acctcgctcg	gtggctacgg	actcctgtcc	ccgtgaagcc	ggatacggag	acgtgaccga	540
tgaagtcgc	gcgctgattg	aggattccgt	gcagcgcact	tttgtggcgc	ggcttgcgca	600
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<210> 6079

<211> 686

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(686)

<223> n = A,T,C or G

<400> 6079

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cggtgtttcg	cgccagtcga	acgtataaag	cctcgggcgc	tggthccag	tgggcaccca	180
cctctctcgtc	tctctcgcgc	actcagatat	cacagagtgc	ccgtggtata	gcaacccaag	240
caagaaactc	agggggcgtct	tctgaggccg	cctctacgac	tcattatcat	catcatcacc	300
atcctcatca	tcactcatct	tcagccggcg	cttcccactc	ccgacccccc	tcacacaccc	360
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<210> 6080
 <211> 2142
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(2142)
 <223> n = A,T,C or G

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tcacagcttt cagatttact tactgaaacg ggaagcttac aaccttttta ctctcaggt      240
gcttatcttc ctaacgacac actgcaagaa acacacactc tttttcgcaq atagacattg      300
anattccaga aaaggaaaaag aaagcaaaaa aaaaaaaaga gttttctgtg ttgctctgt      360
ttgcccccaa aaaaagcgca tatcctttct tgtgtccact ccttctcgct tgctgtcgat      420
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aacacttgac tgtgcttttc tagttccctt ccctactcta catcactttt gatacttgac      540
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ctcacgtcgc aatggattct ctacgacccc atccctccac cgcgcagcag gcccgggcct      840
tcacttctcc tgcctccctg tcccttcccg gtggtgcccg tgacttgacg ccgccttccg      900
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gtaaatcttg actgtcgctt ggatttgaaa actattgcgc tccacgcang aaatgcgggg     1140
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<210> 6081
 <211> 677
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(677)
 <223> n = A,T,C or G

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atcatgatcg	gtatgagcaa	gagatgaccg	ccgcctacgt	ctggatcccc	atcgcgggca	240
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<210> 6082

<211> 932

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(932)

<223> n = A,T,C or G

<400> 6082

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tcttaccggt	tgctgggtgcc	tttgctcggtg	ttattgggtgg	tggtgggtcgg	gatctactac	180
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gagtttcttg	tttctcggtt	tggcactgaa	gcaaattgcc	gtcaaaacga	tcgccttgca	600
gtggattttt	gcctttgtaa	tcttcgcggt	cttctctggca	gagtcactct	acatcactgg	660
cactaaatat	accggtcgcg	atgttttgct	ccgcagactc	acccaccccg	aaacggcgga	720
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accccaaat	gaactgggta	gtttttctgt	ccgntctaaa	ccgggtggat	gcaacttgga	900
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<210> 6083

<211> 995

<212> DNA

<213> *Aspergillus oryzae*

<400> 6083

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tgaagaaaat	gtaccagttc	aagtatctgc	ccgacatcga	cggaacttg	ttcagtgggc	180
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taattttatat	tattcaaatt	atcactataa	aaaaaatcct	gtggcctttt	aacctgcatt	960
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<210> 6084
 <211> 1634
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1634)
 <223> n = A,T,C or G

<400> 6084						
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gtacatggag	ttcaaataat	accgagacgt	tgacgtctcc	gcttacgggc	aaggattgct	1560
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<210> 6085
 <211> 667
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(667)
 <223> n = A,T,C or G

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ccctgcgaag	aggaaacgtc	ccacaatgct	ccctcccttg	caactctagg	cggcagcgtc	180
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cagatcatcg	ccccagaaga	ctgcaagtat	ggccagaaaa	cataccatgt	ctcgtcaagc	360
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<210> 6086

<211> 694

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(694)

<223> n = A,T,C or G

<400> 6086

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cacctgcctc	tgatcacggc	cagccccgat	gcattggcct	ggatggagaa	nnatgtggaa	660
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<210> 6087

<211> 647

<212> DNA

<213> *Aspergillus oryzae*

<400> 6087

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tcategagca	ggttgaccca	gtgacctgt	ttgttcttgt	ctgtactgct	gaagcgatgc	180
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ccaacatgaa	ggctactagt	aatgccgagg	acgagttcgc	ccacgggcgt	acaccgcagg	600
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<210> 6088

<211> 703

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(703)

<223> n = A,T,C or G

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gagaggattg accactgggg ccattccgc cgcgcgcta tgcattctgc cttaccctt      180
tctcgccac ctgattcttt gctctctttc ttcttccct ctctgacaga acaacttttc      240
cccccccc cgaatttttt ggcttttccc tctttgcttt tgagtgtgc atgtgcattt      300
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agcgttttta ccatgccagg ctggcgaatt aacatggggg atgcttatgc ttgccgtcta      480
taccttcccc cgaaatattc caattccgaa taaacattaa ccggtacctg ccaaacagcc      540
taactttctt ttgagtattc cattggacaa ccgcgggaac caaatcccc tgggttggtt      600
ggagaaaaag tgccccaata actgtcgcaa aacagggatt tttttgctaa agggcgacat      660
ttgacaaggc cctcgataaa tagggttttt aactacccaa cgg                                703

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<210> 6089

<211> 656

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (656)

<223> n = A,T,C or G

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<400> 6089
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aaacctcaat gggtcgtgcc ctttggtttc aaccttaat ggtctaaacc aacattggcc      180
aacccctaatt tccaaaacat tgctgtaccc aagttaaagg ctaggattaa gttccggctt      240
gacaagcttg ttctgtctct taaggaacac caggttgaat ttgcgagccg gaaagaagag      300
aagaatttgg ccaaaaggaa aggtttttaa accggcaatg ttggaattgt ttggaaaagg      360
cggattggcc cttgcaacca naaatgataa taaggccatt gccttaaaaa cagaccttaa      420
ttggaaaactt ccccaaattg taaaagggtg ttttttaa taaatcgagt cgcaatttaa      480
gcccaaatta attccggaaa ttgtttttca agagagcaaa ccttcaattt gacctttttt      540
taaaattggg tctgaaaacc ttttcgggag ttctttcggg ttttcataac ccggggccaa      600
tttaaaggcc ctttgggcct tgacaaaatt ggtttgggaa tttttaaaaa aaccgg      656

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<210> 6090

<211> 303

<212> DNA

<213> *Aspergillus oryzae*

<400> 6090

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cggaatgttt ctacaattcc tgggtctccc aatcgctgcc aagcgatatg gtgtcctcaa      60
ttgcttgaag gccatgattc tcgtatttcc cgttatctac tttgtaacct cgttcaactgc      120
tttggtaacc gagtctctgc gtcacgtaac aatctttctt ctcatgctct ccaagcttgc      180
ggcgctccatc tttggcttcc cttgcatcac gatcctgctg accaactcag ccaactagct      240
taccgtgctg ggaaccctga acggagttagc tacgagtgtc agcgccgtgg gacgagccgc      300
aag                                           303

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<210> 6091

<211> 702

<212> DNA

<213> *Aspergillus oryzae*

<400> 6091

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gaatgtctga tgcacagca ttggactacc gtgaatgtgc catgggtcttc cgactaccac      60
agcactaaat tcatgggtgaa cgtgaccaa gcaggccag ttgtccttgt cctctcccag      120
ttggactcgc gctacttcag gggattagct ggtgaatacg gcttcgtcct caagttccgg      180
gtgcagaagg aaggcqaaga tgactacatg gtgcgcagcc aaagcagcca cttgatctgt      240

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cgatccgtaa	acgcagaagt	ggatctcgag	cctggccgct	accatgtact	gatgaaagtc	300
acggcgta	gaaatggcga	gatggaatcg	accgaggaag	cggttaagccg	cttagcacccg	360
atcaaacgag	aaaagctcgt	tcagatcggt	ctctcgta	atctagccca	cgccaaaggc	420
atggtagtcg	agacggagga	tgagaggcga	gtacgcgagg	aactataaca	tcatcgcaag	480
gcagcagaaa	gacagaaaca	gatcgaggcc	accaggaaga	agttgcaaaa	agaatggatt	540
cggcagcaga	agatgaacgc	cgggaaacaa	aagatggctg	agaagatttt	tgcaaaaggc	600
caaaccaccg	ctgttataaa	caaagctatt	gagcagattt	ttacggaggg	ccaatccaag	660
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<210> 6092

<211> 635

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(635)

<223> n = A,T,C or G

<400> 6092

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ggccatctct	cgggaggcca	aatcgcagga	gctgtgattg	gggcatagc	tggagttgct	180
cttttagcgg	cactagctgc	actggcgttg	atatgctgga	gacgaaagcg	aagggctcga	240
aatgacaatg	ttttgaacca	gccaaacccc	cagaggaagg	gcttctcgcc	aatgcaacct	300
acccccggcc	agcaaggett	cgcaccgatt	ccaggggggc	gagtagctag	gatgtctgcc	360
ctgcgtgagg	ccccaaagta	ttcacctgga	cgctctcgta	actccgctgc	ccttttcggt	420
gttggaanaa	atagcgaatc	ctctgattca	gattactacg	gcgccagccc	cggggctatg	480
tctaagaaga	tacccccaac	cgcagggaag	cgtactgcct	cactatctag	caattcggcc	540
ctggctgggt	cgggtagtga	cgggtcacct	cgctctggca	tangtggtca	gtactcatca	600
cccgatggga	tggccagtgg	ccagtcggag	caata			635

<210> 6093

<211> 690

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(690)

<223> n = A,T,C or G

<400> 6093

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cgccaccgtg	cgcaagagcg	gatggatggg	cggggcgcca	aagccccga	gtgtggagat	180
gacagggcct	cgggtgctcc	ctgcggagggt	cttcgactct	tttgttcagg	atatgcagag	240
aaccggcttc	tgggcccggat	ctgcgtacta	ccttcaccat	gcgcggaacg	cggaatacaa	300
tggaaagcgc	gaggggaagt	tggaccaacc	agtcctgttt	atccatgacg	ccagggatgt	360
gatattgfat	accataacgt	ctcgccttgi	cgagccgatg	agagagaact	gtagttaatr	420
gactgaggtt	acgatcgacg	cangacactt	tgcgcagtat	gaaaaagccg	gagaggtaca	480
cgcgcncatt	tttaggttca	ttgggggaaga	gctgtcgaat	gagtggtctt	gatttttggac	540
tggctgggtat	acttaaaaaa	agtcggttat	gtgagctgga	ttaccctlyg	gaacttttga	600
aatgtttacaa	ctggaatttt	ttgggacttt	ggccagtctc	caatatttat	ttagcttttc	660
gaaaaacttt	tgggtggggg	agtttttaatn				690

<210> 6094

<211> 944

<212> DNA

<213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(944)
 <223> n = A,T,C or G

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<400> 6094
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aaagtaacgg attacatata tactaccatt tcgcgcactt ctgtcgcatt cctccgcaca      180
cgcgattcaa gataaagcca gacacaacga ctcgagtgcca ttattccatt gcagtcgcaa      240
aatgcagttc agcaaggctc ttctcatcgt caccgccgtg cttgcgcctt tcgcgcttgc      300
agaggatgcy ccaaccaaga cctccaccat ccagggtcgt cctgtgacga cctcaactcc      360
ggcaccgact tctacggcgt ctcccagctc ttctgctttc tcaatccaca ctccctctag      420
ctccgctagg gcgctttcca ctccgctctt gtcaaagaag ccttccgcga ctccctctgt      480
gagaccctcg tegtataacc tccccagggc tactggtggt gctcctgcca ttaggctctc      540
taattgcgata gctgcggggc ttgtcgtctg tgctggtctc atagtgtctc aaagcctttt      600
gcgagcagtc cagagcaatg cgcatagaag acgatggtca tgtctcagtc atcgagccga      660
tacgactgca gtagcaccat ctgaattgct tctgagaact tgctggttga cgtgggctga      720
gcacagagag gagacaatgc caataaggag tcaacaaacc caatcaaaaa tcaactactt      780
ctttacggca gattgcattt tgtataccta cctcattact catgcgatta tcttgagcag      840
tttcagccaa gactatagcg gntttacatg atggtgttca tttgtggnga cgggttcgcca      900
tttattattt actgtgctgn ngatcgaatt ctgattgtca cctt                        944
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<210> 6095
 <211> 695
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(695)
 <223> n = A,T,C or G

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<400> 6095
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agatctttccc tatgcatggg ataattctaata tggcgtagac gccgatgtgg cgcgatgtc      120
tgctctttgat acgacatttg agccaccgcc cgccaacgct catcgacgac cgaattctca      180
agatattctc gattctcccg gctacttgcc acagtgggtc ccatcttctg cagaccttct      240
cccggtgggaa gcgtacgaga attggacatc tccgaggcac tcattcgccg cgcccaacca      300
gtttgaggac gcgcccgtgc taccgccact caagcaagat ctagtacaga acacatcgaa      360
actttcttct aaaaccgcga catcgccctc gcaatctcat tgctctgcct cgagctcaac      420
catcgccctc ttatcgccgc cgccatcttc cccatctggt tcgcccagtt ccacgcctca      480
cgaagggttca gcgcattcct catnccggcg ctccagcacat aacagaattt gaaaacgcta      540
ccggggagaac ctcaataaga actttgctgc acttgagtcg tctctgcaag gctattacac      600
nonagggggt tgaagttgca ggccccgctt ctactgtcag agaaagcctg ctttctagaa      660
gaatgcagtt ctgaccgatg ccggccatta tatcg                        695
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<210> 6096
 <211> 642
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(642)
 <223> n = A,T,C or G

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<400> 6096
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tgtggactac	tctggagagg	atgagacgct	ttatgatgac	ctaaacctag	atgggtgagac	120
tgaggcacag	ttcggcatga	cgggtgataa	cgaccgggta	tcategcagg	atacacagtc	180
cgteccaggag	gaagacctgg	acttgagacc	gaaacccatt	aagagtgaat	ccacggcgcc	240
tcgaagaccc	tcagcgcaga	tgaaatcgcc	gctcccagtg	cttgcgacgc	tacatccgtc	300
aacgtccacc	agtggcacat	ctgggatgaa	gcccgaccca	ccgcccaccc	gtctacctgg	360
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ggcctcgaga	ccttcatega	ctgcttcccc	tagcattgcc	tcggtgcaac	ctgtatctaa	540
accgaccgca	acgacaagta	ttgcttcnga	ggagcggtcc	aagacaccgc	cgctcagccc	600
caatgtcacc	gccgcgagtg	cgtcgaatac	ggtacagtcg	ac		642

<210> 6097

<211> 1160

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1160)

<223> n = A,T,C or G

<400> 6097

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ttcccctatg	ccaccattga	ccccgaagag	gcgcgtgtca	tcgttcccga	tgatcgtttc	180
gactgggtgt	gcgagcatta	caagcccaag	tcgctggttc	ctgccaaactt	gacggtctat	240
gatatcgccg	gtctgactcg	tggtgcctct	accggtgctg	gtctcggtaa	cgctttcttg	300
teccacatcc	gtgcgcgtga	tgtatcttcc	caagttgtgc	gctgcttcga	tgatgctgag	360
attattcaag	tcgaggggtga	cgtecgacccc	gctcgtgata	tgacatcat	cagcgaggaa	420
ctcgcgtgta	aggatattga	gtttgttgag	aaagctctgg	agggcttgac	gaagcagacg	480
aagcgcggtg	gtcagtcact	tgagatgaag	aagctgcgcg	aggaggaagc	tactgttgcc	540
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gaggttgagg	tcatacaacc	cctccagctc	ctcactgcta	agcctgttgt	ctacctagtc	660
aaccttagca	agaaagacta	catccgccag	agaataaagc	gccttcccga	tgttctggaa	720
tgggtgaaga	aaaactctcc	tggtgaccct	ataattccct	tctcggcctg	tttcgaggag	780
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aagtctgect	tgcccaaggt	gatcaccacc	atgcgtacat	ctctgaacct	ggccagtttc	900
ttcaccactg	gtgcgcgatga	agtcgcgcag	tgaccatcc	gcaagggtat	caaggctcct	960
tctgctgcgc	gtgtcattca	caccgacttt	gagaagactt	ttatccaggc	cattgtttac	1020
aactatagca	ctttgcgtga	atacggcgat	gaagccgcgc	taaggccggc	ggtnaagtca	1080
tgaccaaggg	taaagactac	gtcgggttgag	gacagtgata	tcctcctgac	aaaagccggt	1140
gcgcgcgcgtg	gtctaaatcag					1160

<210> 6098

<211> 1052

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1052)

<223> n = A,T,C or G

<400> 6098

caactttcat	tgtcccgqaa	attqatcatt	tgcagtcaag	qcgcaattgt	ttcaacctct	60
gttcccgaa	gataacgctt	gtctccaggt	tttatcttcc	aaattgtcat	catggctctg	120
ctgagctacc	tgtcgttgag	ctgccttagc	gtcgtgagcg	ctgcttccgc	agtcgtcgat	180
ctagtcccca	agaacttcga	caatgtcgtg	ctcaagtcgc	gcaagccgcg	cctcgttgaa	240
ttcttcgccc	cctgggtgcg	tcactgcaag	aacctggcgc	ctgtgtacga	ggagcttgga	300
caagttttcg	ctcacgcccga	agacaaaagt	accatcgcca	aggttgatgc	tgacgagcac	360

cgcgatctcg	gcaagaagtt	cgglalccag	ggattcccta	ctttgaaatg	gttcgatggc	420
aagagtgaca	agcctgtgga	ctacaatggc	ggtcgtgac	tggagagtct	gtctagcttc	480
gtgtcggaaa	agacgggcat	caagcctcgt	ggccccaaag	aggagcccag	cgaggttgag	540
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aagggctcca	aggagggtat	tgcctactct	ggcgctcgct	ccgaggaggc	cttcgttgag	840
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ggcaccattg	cctccctcga	cgagctgggtc	gccaagtaca	cctcctccca	gaacgttgag	960
gagctcctcg	gtgagggtgaa	gaatgtgcca	agggcctgca	ngacaagtac	gcccagtact	1020
atggtaaagg	tgcccaaaag	ctcaccagaa	ca			1052

<210> 6099

<211> 1251

<212> DNA

<213> *Aspergillus oryzae*

<400> 6099

catcatcttg	aacactgtct	aatcaacacc	atcactctca	gttcttcgaa	atgaagcctt	60
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agaagaatgt	cccgacattc	gaagtgtggc	ctgatgtggt	catcacccag	aacaagattg	180
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cgccgggtac	cgttcccacc	ctcaccggcg	acaagaagta	cttttcttgc	tgcttgaagg	300
gactgaacct	tcttggtagc	cctgagacag	cattcgactg	ctgtgccgaa	ggccatgacc	360
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taacatcttg	taaatgctac	accttcaccg	cacccaatgg	caacacccta	ggctccggcg	600
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cttgtccttc	tctgacacct	gcgattacct	tcttctcaca	ggatccgcag	atgtgtactg	960
cctttgatct	cactgagatc	ccttgtgata	ttaaggcgcc	tgccaataac	tgtatttgca	1020
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gggtgtgac	agctacgtac	tccacagggt	acttgcgtct	tactgggtga	gcaaatgggg	1140
gacacagttt	ggagatttaa	tcgggtctct	gatagtcaag	gtgatagtag	tagtttagctg	1200
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<210> 6100

<211> 1181

<212> DNA

<213> *Aspergillus oryzae*

<400> 6100

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agtcactaaa	tgaagaatct	tatgactctg	aagaggaaac	gcctacagaa	tgcactgcta	180
ctatcaataa	tttgtctgca	actgatttga	cagaggagca	accaaatact	gaaggctcca	240
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acaacgccaa	cgacgaaagc	tatcccggag	agggagaaat	cacgatcaat	tccaataata	360
acgatgggtac	tgaggagttt	gagggcgatg	cttccgatta	tgggcattgat	gaaccatcata	420
ctactgagtc	aatcacagaa	gaacttccag	qggaatctct	gaaagaaatg	atgaagacag	480
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caggggtgata	agagtgatgt	tttgccataa	ttggataaca	ctggctcaga	tctgtcaggga	600
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ctggacagct	ctattcgagg	ctcggcgatt	gcagacaatg	atatacgagg	tacagacctc	720
cctgaggaat	ctgatgatgt	cactgaacat	atcgccctcaa	atcataccaa	ccagggaagcc	780

gaagagttac	cctttgagga	cgacgaagac	tatctggatc	tggggatcgc	agaagatctt	840
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gagccggaag	atgagtttga	gctggccgag	agtcctactc	cggacgctaa	acgttccaga	960
tcatcatgat	ctccagttag	aatagtttct	tactttcccc	taatccagac	ctctactctg	1020
ggctatatgg	gctgttagat	ttgtctaacc	agccactgca	cctttcgggt	catactgggt	1080
acagtattgt	ttccgtcggg	taccactttt	aagtatgaca	tttctactaa	cgaaaccttc	1140
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<210> 6101

<211> 673

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(673)

<223> n = A,T,C or G

<400> 6101

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caactaccaa	cactgggctc	tccacctaca	caccgcaacc	gaagacctca	tcttcgaagt	180
cgacggtgaa	cacccacact	tccgaaagat	ggaatccgcg	ggcaagccct	ctgattccga	240
ctccctgate	atgtccctgc	tggtcagcga	aattggagat	gttgatgtac	ccaccgtcaa	300
agcggcagta	gaggctgccc	gcgtcgacaa	tgagacgctg	gaatgggatt	gtcaagaata	360
tgtgcttgac	attttggagc	cttgtgagca	ngaggccgtg	ttggatggaa	atgatgagcc	420
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gcattggtaa	caagaacatt	aactggggac	atcccttgct	ttcgggtgcg	ctaaggggaa	660
ctcccggggg	ggt					673

<210> 6102

<211> 686

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(686)

<223> n = A,T,C or G

<400> 6102

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cgtccaagac	gctaaagaaa	tgtagagaat	acacatggac	tccaacaaga	gccgagaagg	120
ttatcccaat	gcaagaaaga	tttgaacacc	gtccaacaat	gcacgatgac	gtcatataaa	180
gagaaacaag	gaaaagtgtc	gagcttaaag	aaagacaata	aggaatctcc	accgatcatg	240
ccatgaaatt	taatttcaag	cgccctcgctc	aggccgttta	ctctcaccce	ccattctcat	300
gcctccccgg	ccacgcctat	cgccgtgtcc	actgtcatcg	cccccggttc	ttccacgctt	360
angatggggg	ctcctctctc	cgcgtgcgac	gtcgcgggtt	taqtctcggt	cgcgttgagc	420
atctcgatcc	cggtctcgat	ctctatcacc	cggttctctg	ccgcgggccc	agcgcctatc	480
ttcttccggg	ctgcctggga	ggggcgggcg	gggagggggg	ggaggtgggt	gtccaccaag	540
tgaggatggg	ggcgaagggc	gcccttcatt	ttcttgactc	tgggcgtctg	atgcattctc	600
ccgatcccg	cgacgaagat	ttctgtcgcg	tgatccagcc	cttcggcggtg	atgcttcgcg	660
ggactcgtac	cgnctcttcc	taattgt				686

<210> 6103

<211> 679

<212> DNA

<213> *Aspergillus oryzae*

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<400> 6103
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attcaaagat tctcatcgac ctcaaacgat gctgggatgg aagatgttct gcctactggg      180
attttcagga ccaacacatc gcatatcaca cccctgacta cctcattgtt ccgggaggtg      240
atgaacagct agcgacaagc tgtgctgaaa gccaaactgag aatgggtgct actacaagtg      300
gccaggaccg tgaaggcccg cctcgccac cacatgtgct gaatgattca tcagctacag      360
ccaagagtat gccagtttcg gcggacagtg accggagtat tcacgcaacg tcgtgttcgc      420
taccacctaa atctcccaaa cgctctctga tggcaatcat ggacaccaag ggcccacatc      480
cagtgcctct tgcgcctttg aaaccagtg ggtccctgca ggatccccct acttcttccc      540
cagtcacatc gaggcgcttt cccttccata gccatgcaca taagcgaagt ggtagcttct      600
cagattctgc gcgggacggc agagcgctt tatctttgct caagctcgac tcccaaggga      660
acctctcagc cccggatac                                     679

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<210> 6104

<211> 620

<212> DNA

<213> *Aspergillus oryzae*

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<400> 6104
ttgataacct ctgcctctac aggtctcttc ttaggccttg cctctatggc gagtgtgttt      60
atgtatggat acaaccacgt tctctcata aaggacactg aaatagttgc cgggtgccttc      120
gagaacgtca atgatattga actcctgtcc ccagcctttt tgacgcccac tgtccggctt      180
cctggcttcc ctaacggcac tcaaggcccg tcttctcaag atgacatgga ggcattcctc      240
gagcaactgg ccgaacgcaa cgattacatg acctatcgca ccgctaactt cactcggaa      300
gagggcgcgt ctttccctca cgcccacctc tccgctggtc actcgtctc taaagtgcgc      360
gtgtggatcc aaggcgccgt tcatggtaac gaaccgcgtg gcgacgaggc cacacaggcc      420
ctcctgggca agttcgacgg cgaccaggag tgggctgctt ccattcttga caagctagag      480
ctggctgctt tgcgcaggta taatcccgat ggcgttttct actttcagcg cactctagcg      540
acaactatga ccctaaccgc gaccatatca agcttgctcg ccagcagacg cgtgatataa      600
aacagctcat gaacgaattt                                     620

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<210> 6105

<211> 664

<212> DNA

<213> *Aspergillus oryzae*

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<400> 6105
agacagcttc gaccgacata ccaatatcag ctacagatcc atcaccagct gttgagacct      60
ccctattgaa tgaccatact acgcttaagc acatcacaa gtagcccatc gggatcgagt      120
aaaaaaacgc ctaaacagat accgacgcct ctaccacctg tcagctcttt caccatcact      180
actacagtta gtggcacatc tcttttaatt accgaaggta ttacgaagac atacagtcca      240
gtgtcatcct atggcgccag ttatttaacg ttagagtcaa tcgcatcaag cttgtctagc      300
aattttctga gttcgagctc cacagaggct gtcctaacgc atacctcccg tacaggaggg      360
gtcccaacgg cgactacctc aacgggtatc ggagggtatc ttcccaaaaa taactcggat      420
catggagatt cacttgctgc tccagaccat ggctcacagg cctctctccg gactttactt      480
ggtaacgtac tgggtgcgat gggcttctat tgaggcgtaa tcccggtatc gcttactgtt      540
attcagacgc atggggagga gatcgggcgg ggtccaatgc tttggaggaa accagaagct      600
tctaaagggt gatcggtaat ctgcggatcc ctggacggg ttacaaacac gaaatgttcc      660
tggg                                     664

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<210> 6106

<211> 684

<212> DNA

<213> *Aspergillus oryzae*

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<400> 6106
cctctttctt cggtaacttc ggtaagaaga aggggtgactc cgacaacgaa gctgagggcg      60
agtctaagcc caagggaac aagcttqqtg gtcttttccg caagcccagc aaggccgtga      120

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agtctgagcc	caaggagccc	gcccgcgaga	ctgaggctaa	ggccgagggg	gctcccaagg	180
aggccactgt	tcccagagtc	gctgaagagt	ccaagcccgc	cgagcctgct	gccaccactg	240
aggaggctaa	gcccgtcaac	gtctcttcca	cctctgctcc	cgtccaggcc	gccgcatgaa	300
gtggttcttc	aagccgcgtc	attgagtatg	aaaactggtg	ggatcaatat	ggagtacacg	360
cttagtggtc	ctccctccca	gtgatgagtg	cccatgggcg	cataattttc	ttaaaaaaaaa	420
aagaaagaaa	gaatcgttag	taattgctta	ttgatattat	tttgtgttga	ttccagtgtc	480
actgctttgg	tgccttgctt	cgcagcgagg	atcttgccaa	attgagtgtc	aatgataccc	540
tctgctgctt	tggcggtcat	tttcgactct	gatgttcttt	tgcgctctgg	gtcggattta	600
tttcctttat	gatatccgtt	cccgaagga	tcccctattt	gggccttggt	gccgtttggt	660
ggcgccgccc	aaactaaatg	aacg				684

<210> 6107

<211> 668

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(668)

<223> n = A,T,C or G

<400> 6107

ctcacattgc	ctgattttatc	tcaatattta	tctgaccacg	cattcgcaac	ctgtcacctc	60
ccactcacca	tgtccctcgca	atcctggaaa	ccagtcagac	ctgatggagc	gttctgggaa	120
tctcttgacc	ctgtcatcag	cagcactgtg	gccgagtgcc	tctccccgcg	cgtgctcgat	180
gacataaata	accattccac	cctttccaac	ccggccaagt	tcgagctcct	cgagcaggcc	240
ttgacgagaa	agctttctatc	tcttgaagag	agcgcgaacc	cctcctctct	ccatgacacg	300
gactatecca	cttggaacag	cctcaacttc	gcccttttcc	acgtcctccg	cggcgccggc	360
gatgctgcaa	ggcagaaaaga	aacctctctc	aagctagtca	acaaccttgg	cccaagcgga	420
caggatgtag	cagcgttgca	gaacttggct	acattatacg	aggaaacagg	cgagcatgca	480
caggcagaga	agctcgctaa	ggagacottg	ccattgcttc	ggcaacatcc	agccctggga	540
caggatagtc	cccagtcctc	ggggtcgctg	cgtatcctga	tcaaggctct	ntggaaacag	600
ggcaaggaga	aaggaggcgg	acaggtgata	caagaggcca	gcgctagtat	tgatagattg	660
gcggnaga						668

<210> 6108

<211> 729

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(729)

<223> n = A,T,C or G

<400> 6108

ggaggaagag	cgcatcctcc	acataacatg	caatcccccac	agctactagc	attgtatcac	60
cgcagccgcc	atctaccagc	atgtcatagt	atctccgaag	gtcaacagat	ccattttcaaa	120
atcacctggt	ctgttccggg	ggcgatccgt	gcgcacacag	acccgttccg	tttcagctct	180
ttcttgaata	agcgattccg	cttgggtatg	cgggtttggc	tctttttctt	ttttactctc	240
ttccttttagg	ccgagcctcg	agaaaacaact	cggcggtgcg	tggctgttcg	tgcacgggga	300
tatgggatac	ctgggtctcat	gatcgcagct	ggtggggatt	cttctcgaag	cgagcggtgt	360
tcattgcctga	gaaagatgat	cactggttcg	gtctgggtca	ttgttctggg	gcgtggagat	420
gtgggatgac	gtcaggagcg	ttgggttagat	tgttttagtt	aaggatttgg	ggggtttgac	480
agggtctttt	tttttttttt	ttgtatcgag	taggtttgta	ggtttggtag	tgttagtggt	540
ggttgtgggt	agtttctttg	tgggtgggtt	ttctggggag	gcataaatatg	aggataaqtta	600
tgtttgggttg	ttagtatagg	gaagtgattg	tttgtatgta	gtttcctcgg	tgggttttgta	660
tatgtgtgca	attgaacgcc	cgttcttgtt	tgaacaaaca	naataaagag	gtagagactt	720
tcttgcgaag						729

<210> 6109
 <211> 665
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(665)
 <223> n = A,T,C or G

<400> 6109
 ggtgtgaagc atctcgtatt cagctccggc cctccttgca cagagatgac gaatggccga 60
 gtgcgaatga aagcaatgga cagtaaggcc acttcgtcgc agaattcctg accggagggga 120
 tacgactaac tccaggacag tgaagaacaa gattgagcag tacgcaaggc ccttggggtc 180
 cttcgagacc ttcaactcca ttggcgccgg atgggttcta gagaacttcc ttggcaagga 240
 qutcgctcct gttttcggag gatttcccta ttttcctgac gaccaaggat accttacttt 300
 cagagtcccg tattggggag gggacgagca cgttccatgg ttgagcatct cagacgactt 360
 cggagatata gtgcaaggta tcttcctgga tcttggtcga tggaaacggtc acttcgttca 420
 cgggtgtcagc gacatccgca gttttgaaca agttgtcgcg gatttcgccg cggttacagg 480
 aaacaaagcg cgttttcagc ccatattacc gacgtgggag gcctttgata cgcattggaat 540
 ccaggagcta gaggacgtga aactcatggt tggcttcacc cagctgacaa gcgggcgatt 600
 cttncgaccg gaagacacgg aggtcgatac cggcagacag ttaagcaaa ttacggggat 660
 tgaag 665

<210> 6110
 <211> 667
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(667)
 <223> n = A,T,C or G

<400> 6110
 cagagtttta tcgcttggtg tatgacaaaa gtattctttc atgaaatgat gctttggcaa 60
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 gcagatcaac agggaccaag taacattccc atgaggcagc ctacgtatcc agactctggt 180
 aagaatggat ccttcacggc tccaaacaca caaaatactg ttgactcaag atctggatta 240
 gatacgcttg cctcggtaga gagtatccac ccggtcgcg cctctttgga acgttcacag 300
 gtggacgcag aaccacaatc taacaacgct cctaatagaa agccagcaga catttccgaa 360
 aatattgcta gctttcatgc ctcaaacaat gatgatagcg cgattgacct tgacgatgat 420
 tcaatgctaa tgacggtggg caaatacggc qatatgatgg cctctgatcc ancaaagct 480
 gaaggcgatn gtgtcgatc ataatctgac tatacatatt cacttgattt cgtcaaagtt 540
 ttggaaaaaa aaaaaacaac caaagttttc gtttggttat tgggtggagt tttaatcctc 600
 attttaagag tcttggtttt ggttggtgat tatttacggt catgtacaaa gaagtttcgg 660
 cgttcca 667

<210> 6111
 <211> 680
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(680)
 <223> n = A,T,C or G

<400> 6111
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acctcacaat	cccagaaagg	aagagaaaag	aaaaaccaac	accaaagaaa	tcaaaatgcc	120
caaacgcaaa	ctctccgacg	tggaactccg	tcccaagcgc	acatacaacg	tgcaaaccat	180
gcgcctgacg	caaaagttcg	agcagggcgt	cgctctccta	tcgcgtgcgc	tgaaggtcgc	240
caaaggcttc	gagagacaga	agttatcgag	gagagaaaaa	accgccaagt	cgcaggggag	300
ctctgaggcg	ttgcagaaaa	tcgcggagga	gattgctttt	atcaagagtc	ttgatccaac	360
cgctacggcg	caaaaatata	ttttcaaaca	gctgtttaag	acgaaacgaa	tttccgaggc	420
gccagctttt	atccaattta	aaaagtcgaa	gaacattttc	acagaggggc	cgcagagtac	480
ggccgaggcg	aacgttactg	cgcgattgta	caagtcta	ccagtgaaga	atgcgtttnc	540
gaaatatatg	accgatatta	aaaagctact	gggggtggag	gaaagtgctg	gtggcannaa	600
agattaaagc	anggaggctg	gntcaaaaga	aagtgcgact	aaaacgaaga	ctgaacagcg	660
gggctgtatc	gtgtcggatt					680

<210> 6112

<211> 572

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(572)

<223> n = A,T,C or G

<400> 6112

ccataccacc	tctgatatac	ctacccgaga	cttgagagaa	cgctaacact	gacgcaccat	60
cctgcaaaca	ttgccgccac	ttcttctctc	aacgcacagc	atcctccgac	tcctacgctg	120
gctagaccaa	ttacgcctca	gcaccccaat	tcgttcaaca	aggctggcac	aaatgctact	180
accagtgtct	cacagcagcc	aacgtctgcg	cctgcacccc	aaccgctggg	acaaccaccg	240
accccgccac	caccggatca	aagtcaacag	ccatttaata	acctgagtat	cccagatgcc	300
tcgcgcttca	atcttgattt	cagcgctctg	gaaaacccgg	atatcttgga	gaattttgac	360
tttgacacgt	ttctcaatac	ggacgcggat	accgcggggt	ttgggttcga	tcggaacata	420
tcataccgca	cagatggggt	tgagacgggt	gccggaaaatg	gcttgtaaag	gagtctaacg	480
gatatttctg	tcttatctct	catataccct	nccttgctct	tgacattcct	atatttggtc	540
tgngctatcc	cgtttttctc	cattccccta	tt			572

<210> 6113

<211> 590

<212> DNA

<213> *Aspergillus oryzae*

<400> 6113

cgatatacga	cttgattgta	agctgtcata	gacctttgcg	cagccctttt	aaccctctgt	60
acacgggtcag	gattcatgaa	tcgataccgg	aatgccccca	gccttagagg	ccctactaag	120
gggactgcca	qtacactctg	tcagaaaatgc	ttaaaacgag	ggcactatag	ctatgaatgc	180
acaattacgg	cccaggaaaag	gcggtaccaa	tatcgctcct	cgcgcacaca	gcaactacag	240
aacccgaaat	tgcggcgcga	gctttcaaca	gaaactccga	atgatctatt	gcgctcgcaa	300
ggcgctgcgg	atgatcttct	ggcaaaacgg	gaagaagagc	ggggccgcaa	aagagacata	360
gatgaatcag	atccccctgga	taatcaaggc	cagacatcaa	agcgggctcg	gtcagcgtct	420
tcgcattctg	tcagctctgt	gtctacgata	tctacaagcc	gatcccattc	gcagtcacca	480
cctcgctgta	gggaattcaa	tacgagaaat	gagcctcacc	ggacgaagtc	gacgtcttct	540
gctatgaaa	agctgagaaa	gagacgggtat	agcgactcat	cttctagcct		590

<210> 6114

<211> 663

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(663)

<223> n = A,T,C or G


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<400> 6114
cactccaggc acaggetgac agtatgtatc tggaggggtct gctgtgcaact cctcgcgcgt 60
tttaccgcga gaagcacagc acatacgagg acgtagtcac cgaacaggag tttcctgggtg 120
gacatttggc cttcttggac atgctgatca ccagtaagca aatccgctcg ggtcaggatc 180
acgcccggaa tcaacatcta gccgggggtt atgacagctt tgccccgcgg taccatgctg 240
ctcgagccaa caccgggtcg agtcgcatgc aggaagacat gagccgagac tacgatttct 300
ctggaacagt cctcgacctc gcggtgtggca acggggagtt tggtgccact ctgcacgaga 360
atggcgctct cgccaaagtc accggcatag acgtctctga ggggatgacc cgatcgctac 420
acattcagga tcaactacgag aggcgcgtgt tgatcggggc aatggacgaa cttattatgg 480
gcatgcctga attcgatcat gtggtttgtt tcgcggcatt tcagttcctg gatcctgtgc 540
acttgaccgc gtgttttagct cgcattgttc tggttgccag tcggtgacgg cgatccatga 600
ggatctcagt gacgcgtaca ttgaagatat gaagaagcgg aacggtgaac tgtgtannca 660
ttt 663

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<210> 6115

<211> 671

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(671)

<223> n = A,T,C or G

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<400> 6115
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gattcggttc caggatgacc ctctaccgcg caacatcgcc atgtttccct cggtcgaccc 120
gagccaggto ttctccaatg cgaacccatt cgccccgacg ttcgatgagc caccacgcgt 180
cacgcgctat tttgatcatg atcaccggga atacatggcc ccggatgaat gcgacgga 240
agagtcattc gcaacctccg tccgggaact ctcaacggat cactcagtat cgtggcgctc 300
gaatgtgccc gagaggggtc ncgtacatcc agaaattcca ttccgctacc atgtcactct 360
tcatgcgccc acccgcatgt tcgaccatgc ccgcgatatt cccgtgaact attggacaaa 420
agttaaggct accccatacc ggcggtgatt cccggccacg gggggggcca acccgcggt 480
taaaaccgga acccaattgg aattcggttg aagaaattac ccccgagcca acccgggcct 540
tttgttggaa tttggggaca accgcggggg ggggatggac cccaccaacc ggcattaccc 600
ccttgggggg gaatgggggg gctataagga agggggcggg aaaaccctgt accaaggggt 660
attggggagg t 671

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<210> 6116

<211> 725

<212> DNA

<213> *Aspergillus oryzae*

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<400> 6116
agacctactg gctgatccg actatggcgc gacgggtaca tacatcgaaa agagaacgat 60
aagttctgat aatcaatccc gataagaaga tctggcgcta gtccggacta gtcgagagtc 120
taaatcaaat agcttgcgga agtcaaacc tccaactcca acctcttttg tacttcacca 180
cacaccaccc ttctactgac gctgggtgag cgatgggtga tgaccagtca ttaagggtcga 240
cagtggtctga aaatgacatt ttagcaaaaat gaacctctgg ccgttcgggc ggaatcctct 300
ctatccttca ctgagggatt tcttctcgga cagctctctg ttgtactact gatcgggtgc 360
ttcatcaagt tcttcattat cggcgaagct cctccacgcg cgtcccgagg cctttctcac 420
cgcgccctca cccacagacg ctccaattcg atctacacca tcaaccccaa tgagggaacc 480
ctagatcac tgagggaaaa accctctacg tccaacgttc ttgctcgggt gccgtcgtcc 540
gtaccccaaa ctogattccat tcttcgqaaa acctactaca gtgctatacc tacgaatccc 600
tcgggggaagc accgcccgcg tagaatccac cacttctccc atcagccgga atcaacttat 660
tgggttaatg tattgatcgc acaaactatt gcacagtaca agcaaacggc ggatttggtg 720
aacga 725

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<210> 6117

<211> 664
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(664)
 <223> n = A,T,C or G

<400> 6117
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 tactcatctc acaaattcaa gatgtcacag caacagcaac actatcctag tcacaatgca 120
 ccagcaccac ctccgtatac tggacaatat cagccgatgc caccaaaccc tcaatatgga 180
 taccctcccc agccgtatgc cagtcaccca caaccaatga tgggcaatcc ccagtaccct 240
 cctcagccgc atcacaccca gagtgcattg cgctccctga aaatcgagtt ctccagttgg 300
 acatcaagac acctagcaat caatgatgtc gggcaaggct cgttgcctca taccgtcgac 360
 ctacacaacc gaaacccaca gatggaatcc aagaatgtcg caacgaacaa taccatcgcc 420
 acggtgcata tgcggtcttt gaagccagaa atggacatca agctccatgg tcgtgatatt 480
 catcttcgcy tccaacgctc catgaaaccc gagacaacgt atcactcaat cgcgtttccc 540
 cacatgtctt ttacatggnn agacactagt gcctgggagt tctcagtttt ngatgtgtgg 600
 gacagacagg tcaccgttgc aggttcacgc ggnttctcn tgtctatgcy cangtcggtc 660
 aatn 664

<210> 6118
 <211> 702
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(702)
 <223> n = A,T,C or G

<400> 6118
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 gtgacgggaa tggccccgca ggcggctgga aactggacaa atacaagttc ctccctctca 120
 tccaacacgc gggctcgcgca aagccccgagg cgaagtggta catctacatc gaagacgacg 180
 gctacatttt cctgccccac ttgcttctcc acctagagaa gttctcgtgg caggagccgt 240
 ggtacttcgg cggctcttgc tggaaacacg gtgactattt cgcgcacggc ggtgcagggt 300
 tctgtctctc acgngtgcg tgggagcaga gcttcggctt ggaagaggac atggtcacga 360
 aatacgcgca ttccacggaa gccacggct gcggtgacca tgttcttggc catgtcatgc 420
 angattacgg gattaatttc tggcagaccc atggcaagtc ggagtattct tgggggttta 480
 acccggaacc gcaactggggc ggttgggttc gacgcgcgaa cctgtgttat tccctttaca 540
 agtggaccat acgcacaata aggatgtacc gcgactctta caactttaac aaaacttgg 600
 attttaaaaa aaaaggcccg gttaaaaatc cgtcactttt ttaaggcatt gttaaacctt 660
 caatccctca ttgggtggat agtgggaaaa accaatcctt ct 702

<210> 6119
 <211> 698
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(698)
 <223> n = A,T,C or G

<400> 6119
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taccgcgccc	gcacgaccgt	ctccactctc	acctcacagt	tgcgcggcgc	gcccgatgcc	180
ctcgetatcc	tcctcgccgt	ttcactttct	cccagcatca	gaaagccaat	ccaacacacc	240
cgtcacgtca	agaacagagt	ccggaagtct	attcttggaa	tccccggtct	ccccctcgcc	300
ttcgaagggc	gcgggcacgt	ctccccgtct	caagacttcg	cctacatatg	ctcagcgcta	360
tgcaagcacc	atatctaate	cattgaataa	cgcgccaga	aatgggtccg	cttcttcttc	420
gccgtcgccg	cgcgaagcga	gacgcaatgt	tttcttgaat	cggatcaagc	aagggcgccga	480
cgatgcacgt	ttcgctaata	gaggcgagca	gctagtgttg	atggagcatg	tgccagagca	540
aaagaagtgg	ggcgagtcna	tgcggaggaa	gacggattgg	attctgcang	gatacttgag	600
ggattttggaa	gaaggtgttc	atgatatgct	ggacgaagcg	gatatccaag	ctctggacga	660
gtattttgtcc	aggagcaggc	aatggagatg	gaagtgtct			698

<210> 6120

<211> 691

<212> DNA

<213> *Aspergillus oryzae*

<400> 6120

cgaggttaacg	cctcctgccc	cttcaacgac	agcggctcgga	tcaggaactg	atcaattgga	60
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tttctgtctt	gacagggggc	tcaacccgcc	acgcctgtc	ccttatcctc	gactgcttta	180
aggaccagga	attcgttaga	ttctccgcta	cacttcatag	ccgcaatgtc	tgctcgtact	240
ttgtcgcata	gcccttcgag	ccgctgcctt	ttgcgcagac	ctcagaacat	tcagggtttc	300
tcgactcgta	ccaacctccg	tgccgctgat	catggagatc	actacgatcc	tcgactggg	360
tggttttttg	gtgtcaagcc	aggccagaag	tacgtgaagg	aaggctggga	gaacatctgg	420
tactacggat	tcattggcag	cttgcttgtt	gccggtgtcg	catacgtttt	caagccagac	480
acctcgatac	aaacatgggc	tttggaaagag	gcacggcgga	gactggaagc	cgagggtatt	540
ctggaggacc	ccgagaaagc	tcaaaggaaa	gtaaaggaca	aatctggtct	gagtatgtct	600
ttgtacgatg	aacatagaac	cgacggacat	ggaaacatca	gctccgatga	aatgttctac	660
ctgcgctacc	cggatatgat	tggacagata	a			691

<210> 6121

<211> 672

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(672)

<223> n = A,T,C or G

<400> 6121

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gcctggcttg	cttcacagaca	atcaggacat	gtrccaagcg	cgtttgcqaa	ccacaggaat	120
tacagagact	ttattttgaac	ttggccaaat	gaacttcoga	atgatggatg	ttgggtggcca	180
acggtctgag	cgaagaagt	ggatccattg	ttttgagggt	gtgcagtgtc	ttctcttcat	240
ggtagcetta	tcaggctacg	accagtgtct	agtggaggat	cagaacgcta	accaaagca	300
cgaggccatg	atgtgtttcg	agtcatttgt	taacggagaa	tggttcaagc	gcaagcccat	360
cattctttttg	ctaaacaaga	tcgatctctt	caagggcaaa	ctaagtgtct	ccccgtgtc	420
taaaacatttt	cggattaca	acggttcgaa	tacggacttt	gatgctgagg	caagatatatt	480
cgttgacagg	tttcgggggca	tcaatcgtat	ccccgaagga	gagatctata	tccattacac	540
taattgcgaact	gatacaacat	tgttgaaaag	caacatggat	tongtgcaag	acatgatcat	600
tanaagaat	ctgcacactc	ttatctttatg	ataattaatg	gtntatcaga	gaagattgag	660
ttcaagatat	tt					672

<210> 6122

<211> 1064

<212> DNA

<213> *Aspergillus oryzae*

<400> 6122

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cccaacgctt	attcgccacct	ctaccctgca	gcagtcgaagc	agcctcggtc	accacactca	120
gtcattcaac	ccctatgccca	tgtatccctc	gaaggctggt	ttgaagctca	atggcagctt	180
ggactcgatg	acagaaaagct	ggactaaaga	ggagcggtgag	gctaagcgtc	gcttgggttca	240
attcactcgt	atgcaaagtg	ggagcaccat	ccatgcggat	tttaaccag	ttgctcccg	300
agaccgtgct	cccaacagta	tctgcattag	ttgcactctac	tgggatggta	aagatgaatg	360
cttcataacg	agcgtcgata	cgatctacct	ccttgagtcg	ctgggttggtg	ttagattcac	420
cgtggaagag	aagaatcgta	ttcgcaggaa	cctggaaggc	ttcaggccac	ttactgtttc	480
aaaagcaaaa	gccgatagcg	aagaacttctt	caaggtgatc	atgggcttcc	ccgccccaaa	540
gccgcgcaat	attgagaagg	acgtcaaagt	attccctctg	cggatacttg	gccatgcgct	600
gaagaaaatc	attggtaaat	actccgcaag	ttactcgctg	acagctgggg	cactccccac	660
ccccattagc	tcaacttata	caagtaacgg	cgctgcacgc	gactctggca	ctgagccccc	720
aaacgcggca	tccccacaat	ctgtctcgga	cactggtcca	tcaaccacat	atggtgccca	780
tgttgagcgc	gcagcctact	ccccccagc	acatcaccac	cccgctcatt	ccatgaccgg	840
cactcatgag	ctacagagctg	tgtacacctg	tgttagccaa	ccctaccatc	ctatggctgc	900
ccccctactc	tatccagcgg	tctgccaaca	acaggggtgat	cttggcctct	ctgcaccagt	960
taqcaggact	tgggaaatca	acccctctcat	caacgcttct	ggcacaaaag	gagggccccc	1020
ctacaactac	ctgaccccg	tgtcatactc	cgtccaagac	ccgg		1064

<210> 6123

<211> 900

<212> DNA

<213> *Aspergillus oryzae*

<400> 6123

gyccgaacaa	gctggaaagc	agggagacga	gcttcaggct	atcgaagacc	agtggggtgc	60
tcaggctggc	ctgaagcttt	tcaacgatgc	cgtcattgag	gccatcaaca	agggtgccca	120
ctctaacaag	caatccctca	ttgatcaata	cctgaaggct	gctaagggca	agagcaacct	180
tgaagctcgc	gcgatcgcca	agaacatcac	tggacaggac	atctacttca	actgggatgc	240
gctctgcacc	cgtgagggtt	actaccggct	ccagggtggc	acccagtgtg	ccattaaccg	300
tggtcttgct	tatgctccat	tgcgcgacct	tatctggatg	gagagcaagc	tccccgacta	360
cggccaggct	aaggagtttg	ctgaaggcat	tcacgccgtg	tggcccgagc	aaaaacttgc	420
ctacaacttg	tgcctctcgt	tcaactggaa	gaaagccatg	ccccgcgatg	agcaggagac	480
gtacatcaag	cgtttgggtg	ctctgggtta	ctgctggcag	ttcatcacc	tggctgggtc	540
gcacaccaca	gccctcattt	cgcaccagtt	cgccaaggcc	tactccaagc	agggcatgcg	600
tgcctatggt	gaattgggtc	aagagccgga	gatggagcag	ggagtcgatg	tggttaccca	660
ccagaaatgg	agcgggtgca	attatgtgga	taacctctg	aagatggtca	ctggcggtgt	720
gagcagcact	gcggccatgg	gcaagggtgt	gacggaagat	cagttcaagc	actgagctca	780
actcacaagc	cgtttttgat	aattttgttt	tgttttagcc	gacttcgagt	accacccaag	840
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<210> 6124

<211> 651

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(651)

<223> n = A,T,C or G

<400> 6124

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tcctagagata	cagaatcgcc	caaatgbcag	gaqaagacat	gctattcatg	caggaagggc	180
aaatcccaat	ctcatgtgca	gcgtttgaag	ccagggttgg	cattctctct	cccatattca	240
atgtgacaca	tcacaccgca	cagatcatca	cccttctttc	gagtaacgat	gcggcaaggc	300
cctggctccg	gcctgggttt	taattgcttg	taattgtaga	gttctctgct	ccttctctca	360
ctcgccacac	cgccctttta	gaatatcaca	agtaatatcc	tagctggatt	atccaaaagt	420
gcactttgaa	gaaaccccac	taccgtttac	gtgacttgct	ttcaatatcc	ggaggcaaca	480

tttgttatcg	aagcattaca	acgcctagtc	atctcattct	acacctttcc	acattttgac	540
tcgctctctc	tcttgacata	ccttaaccat	gtgcggcatc	ttcggctaca	ttaaactacct	600
cgctcgagagg	gaccgcaagt	ttattcttga	cactcttctc	aatggactct	n	651

<210> 6125
 <211> 696
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6125						
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cataataaca	atggagtctc	cttcgcatec	tctcgtgat	cgctccacca	acactcatct	120
ggtcaacacc	gagaaggcca	acgagcttaa	ggctgcccc	gccaagatcg	aatcaatgga	180
atatcaccga	caagtgtctc	agggcaagct	ggagagcgga	gacaagcaac	aagccagcta	240
tgtatcgccc	tcggatgata	ttatgagccc	gtgctccaag	aaattgagcg	acttgaaggg	300
caagcgattc	aagaatgctg	gcaaaaccca	atcactatct	gcaaaactag	gcaagaagaa	360
ctttgagcaa	tcagctgcca	accatagcgc	caacagttag	gcgagatgc	agaagtaate	420
gacgtttccag	gacgcttac	gtctcatgcg	ccggtcgcac	ggatcttttg	gatgatacct	480
ggatctgata	atcggttgtt	tctcgtcggg	ctcggtgttt	gcaggactgg	ttcttgattt	540
ctcttctact	tgattttctt	tctgggcaaa	tgggggttcc	tgggaattaa	atgttcttgg	600
ggatgggctt	gggacctact	gggtcaattg	gtaccggggc	taaaattgtt	tttttaaatt	660
ggcgaatggg	acctttgacc	ggatgaaaaa	caaaag			696

<210> 6126
 <211> 437
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(437)
 <223> n = A,T,C or G

<400> 6126						
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tgccaaactg	ttctcgtcgc	ttctgtccgt	tcgccgcttt	gtgttacgtt	acctgtcgtc	180
ccccggcct	tatttctctc	gtttcactgc	cttcactgag	cagccggacc	ggaatgatcg	240
cattttcctc	accagtgagg	atgcggcacc	ctattacgtc	gcgcctactt	tcggaaccg	300
ctggggccct	gtcgtttggc	ttacctgncc	tatggggcgg	cctcttccag	gcgatgaagg	360
cgataagtat	tacccccggg	gctactatac	acctgatgta	ggccccaagt	ctttgaaagc	420
aaggccccgac	cttctctg					437

<210> 6127
 <211> 672
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(672)
 <223> n = A,T,C or G

<400> 6127						
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catgtgcggt	gcaattgcat	acacctctga	cttcgagcct	ctagtgaagg	ctttgtgcca	120
ctgtgttgat	tgccagaagt	ggaccggcgg	cccattcacc	tccaacgtca	tcgttccccg	180
ggattctttc	aaagtgaaca	aaggagaacc	ctcgttctat	gatgtcaccg	gggcctcggg	240
caaaaacaac	cgccatttct	tctgtggcaa	gtgcgggtct	agtctgttca	cagaattaga	300
gctcatgggc	gacaagaccg	tcacaaagc	cgggactctg	gatggtggcg	aagcgaactt	360

gcgcaacaag	gtcgatgttg	aattctatac	caaagaccga	gtgtcgtatc	tttgtgctgt	420
gcanggcgct	aagcangaga	cacttctggg	ttgattgggt	tgatgcggct	gcccctgagg	480
tanggcgatg	aggacgtgac	tgcaagacac	tcctatataa	ngggatgac	cgttgggatg	540
aatatggctt	tgacgttttg	tggcgatgta	catcttggtt	tgatcatgtag	tantatgcac	600
ggggtttgtg	tanttgcgga	agttgagata	ccatgcattg	aagagatgtt	ttacagatta	660
tatgatattc	cg					672

<210> 6128

<211> 548

<212> DNA

<213> Aspergillus oryzae

<400> 6128

ggaaaagcaa	tgttggaac	gtgcaccgct	atgcgcgagg	cacttactga	gggggcgagc	60
ctcaaacgta	ctcttcctgc	tgtagcgagg	gctttactaa	ggtgtcctta	ttagggccct	120
gcgtaccacg	gagctcgger	tcaatctgaa	caatgcgttg	ttctctcttg	tgggctgctg	180
tgtctccgaa	aataaggtcc	atatcttcca	aagtctagta	acgggtcttc	gtcagtcacg	240
gacagatctt	gaggtacggt	tataaaaatc	atgagccaca	aacctttcca	cggtctctcc	300
gaatacagaa	gaacgtgaat	gccagtgcac	ggagacagaa	tgccgcaaag	aagatatagg	360
tacccaaggt	gattgactcg	agcatatcag	gggtgatcaa	tccaatgata	ctagtatgcg	420
atgtcagcca	acgatcaata	cgaaattctc	aaagaaaaat	tcaaaatcaa	cgacacaaatt	480
gcacatccag	gtcgccgaag	ttgtgaatga	aatggcctct	taaaccgaat	tgaaggttga	540
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<210> 6129

<211> 647

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(647)

<223> n = A,T,C or G

<400> 6129

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gaactggagg	accaagtatg	cctgtgatca	ttacctggaa	gaaaagaaaag	gtgactcgtc	180
cagtcactgg	ggtttcttta	cttggttgat	cattattctc	ttcctctgca	tcgctgccta	240
ccttatcttt	ggctcctggc	ttaattataa	ccgctacggc	gcccggggat	gggatctcct	300
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ggtagttgca	gactgggttg	gattgggcac	gtgcatgata	ggtactgtac	gatgaatgtc	600
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<210> 6130

<211> 713

<212> DNA

<213> Aspergillus oryzae

<400> 6130

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tgcattcagtt	ctctaccccta	gttaccctct	tggcaaccac	agccctcgcg	gcaqatcgca	120
caacagccct	ggttgcgggt	caagtgggtg	agctcccttg	ctcttatcaa	ggtaaaaaag	180
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gtcccctggg	atcctattgc	gacggctctg	gttgcctgcc	taatggaaaag	acctgtaccg	300
gtccaggagg	cgtttctact	cgccccggat	cgactatcac	cgtgaccaac	tctctgacca	360
acacattgac	gtccacaagc	acctccactc	acactttgtc	gtccagcgag	gttgtgaccc	420

cgacctacac	cccaacacct	agctcgagca	cctcgctctc	tgggagcgtc	atccctccca	480
gttcgagcgc	ggtgcctccc	tcgtcatcta	caccggetgt	gtcgccctacc	tctcctccgc	540
ttcatactgg	ggcagcttct	cacttgaccc	cgggtttcta	tgctgctgcc	ggactcatcg	600
ttggtgctgc	tatcttttag	ataagtcttg	acggatgcca	gcgtcttggt	actgtgaatt	660
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<210> 6131

<211> 666

<212> DNA

<213> *Aspergillus oryzae*

<400> 6131

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aaaaagcaga	ctaagatggc	ggaggacct	ggactttacg	ttttgggtga	cgtgcatcag	180
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gatgcgttcg	cagcgtactg	gaaaaagctg	gcgtccgagt	atggcaagac	gaccaatgtg	480
gtcgggtata	acctgctgaa	cgagccatgg	gtgggcgaca	catgggccga	tccgacactg	540
ctagtgccag	gtgttgccga	ccacaaggct	ctagaagggc	tctggaaccg	cgcggccaag	600
cagatccgta	ccgtcgacaa	tgacacactc	atctggttcg	aaggcgcaac	gctggacgtc	660
ctgtct						666

<210> 6132

<211> 659

<212> DNA

<213> *Aspergillus oryzae*

<400> 6132

ttttttatca	catgagaaca	atcaccataa	ttaaaaataaa	aaagtcaagt	agaaaaagaa	60
ccaaaggat	cgtacaacaa	cagaatatac	acatcattaa	catcgcttct	caaccagacc	120
aaagttccat	cccccatagc	cctcagcata	ataaaaataag	aaaacaaaagg	ttagcaccaa	180
cacagactca	cttatattga	tagttctgcg	gcggtgcccc	ggcctggggc	tggggatata	240
cacctccccc	agaagcctgg	ggaggaggct	cccaataggc	ttgtggagg	ggtgccgggc	300
cagccggtgc	acctgccggg	ggcctggtct	ctggcgatgat	atcggggcga	tcacggagg	360
cttgggtgaa	gcggcatgtg	taacatgtga	cttccttgta	cttttttggt	gcgagtggga	420
tcattgggaat	gaagcaaacg	ggataccaaa	gccatcgct	tatacaaagg	tcattatagt	480
gtttggcaggt	ataacaatag	gccccgggga	aagtaaggta	tggaatgttg	cgtagggtaa	540
cgaagcggcc	ggttgactcg	taagggaagg	aacggttgcg	tactggatgg	ttgggttatg	600
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<210> 6133

<211> 1378

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1378)

<223> n = A,T,C or G

<400> 6133

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tccaccacaa	ctccttcac	catgttgctg	cgtttctgt	ccctgacagg	cgcgctctgt	180
ctgagcagct	gtgctgcgtt	gtcactgccc	gagcataagg	tcgaactata	ggggctggat	240
cccagatttc	gaagccgaat	catctccaat	gcccgtccaa	caaacgtgcc	gaccgctctt	300
tgttcattct	cagattccga	atgttcqaaa	gatatcgata	ttcattccca	gctgacactg	360

gacttctcta	cggaaaatgg	caccctaact	gccaaaccatg	accctatctt	cccacccact	420
ttcccaatgc	gattccatgc	tgtecggeat	tttcaatcag	gccgagagac	ggtcgacctg	480
gcctatgaac	tcgatgtgcg	acccatgccg	tcacgccctg	acgaagcact	ggggggcgta	540
ttccttttga	aactcagact	gtttgacctc	caaggcgggg	gccgcctccg	atcacctggt	600
cacgatcacc	ctgaatcaag	actcggaggg	aaacctgcaa	atcactcaac	ttgaaaccaa	660
ccccgtcctc	ggccaccacc	atcacgacgg	accaccatca	tggatggccc	aattaaccgc	720
cagccttcag	gcaatgaagg	acgcggtcaa	ggactgcatg	cacggtccgg	gaccgaggca	780
tcgacccgca	agaccccgag	acggccacat	gcaacctcca	gtcgaccatc	accgcacgat	840
cgctccggag	catcaccgct	accaccacag	acccggctac	tgggcagggtc	gggagaagaa	900
cttcggcagg	ctcatgcgtc	cggtcgctcat	gcctgccctt	ctaggtgtga	tggccgggtgt	960
gatcgccctg	atggttggat	tcgtgctggg	caaaatcttc	atctcagtat	tctactgtgt	1020
tcgggggttac	aggaagcagc	accagaagca	gaacgagact	gccattcccc	ggatagtgggt	1080
ggtggaaaagc	gctcccagtg	aaaaggagcg	cttgatggcg	atgtgcgatg	atcagtgttg	1140
accatacaag	atacgatctc	tttacactct	tcactttttc	ttttcttttc	acgtgttttt	1200
ctcagatagc	atctatatac	ccagtgtaac	atgcctagaa	tttgacgacc	acactcttta	1260
ccctgtatcc	ctcgaacata	taccggttaa	agttccgatt	cctcaacaat	caaggcgggc	1320
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<210> 6134

<211> 1294

<212> DNA

<213> *Aspergillus oryzae*

<400> 6134

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cctgaactgc	ggcggagggtc	cccaggggtg	gatatatcgg	tggaaagtat	tggagcgatc	180
ctgggtgctt	ccataatggg	ttcaaagggtc	tttgcaagtgt	cttcgtcaac	gccgcgtttg	240
cccttgcgtg	aaccgagctc	gtcggtttgg	ctgcagctga	gaccgctaac	cctcggaat	300
cgctcccaac	agctgtcaag	caagctttct	ggcgtatttg	tctcttctac	attgtatcac	360
tcaccctggt	cggccttctt	gttccttgga	atgacgaacg	acttcttgat	gggagctcca	420
gtgctgacgc	taaagcctct	ccattttgtga	tcgccatcaa	gaatgctgggt	atctccgtgc	480
tagactctat	catgaacgtc	gttatcatga	ttgcggtctt	atccgtgggt	aactcgtcag	540
tttatggctc	ctctcgtacc	cttgcaagccc	ttgccgagca	gggacaggcc	cccaaattcc	600
tgtcatatat	tgatcgcaag	ggtcgcccctc	tctgggcaat	tctaattgct	tctgccctcg	660
gtttgcttag	tttcttggcc	gcatacagaca	aacaagaagt	ggctttcgag	tggatgatgg	720
ccatatecgg	tctctcgtcc	atcttcaactt	ggggttcgggt	ttgtttggcg	cacattcgct	780
tcgctcgtgg	ctggaagggt	cagggccaca	gtctcaatga	actcgccttc	caatcacaa	840
cgggagtgat	cggctcttgg	atcgggttct	tgttcaactg	tctcgttctt	gtcgcacagt	900
tctgggttgg	atttgcccca	atcggttatg	cgacgaagac	cgctggtgag	cttgttgagg	960
cctgggttttc	cgtataccta	gctgctccag	ttgtcctgct	cttttatatc	ccttacaagc	1020
tctgggttcaa	gacgccattt	atcggggcca	aggacatgga	cctgcaaacc	ggctcctcgcg	1080
atctcgatct	tcagtacttg	atcgagcagg	aacgagctga	acaggcagaa	tggcctgcct	1140
ggaagaaggt	gtataaagtt	cttctgttag	cattgggagt	ttcatgattc	tttgggttgg	1200
ttcgcaagct	tgaatttcct	atgctgatcc	tcactgttcc	attattatta	atgtgcctat	1260
atccccactg	aaaaccccaa	ctaataattcc	tgcg			1294

<210> 6135

<211> 684

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ..(684)

<223> n = A,T,C OR G

<400> 6135

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cgctgtctgg	cctgggtata	ctgtctaccc	cgactggcat	catcctaagg	cctccgattt	180
ctgggctaata	gagctgggtca	cctgggtggaa	caagctgcat	tatgatgggg	tctgggtacga	240
catggctgaa	gtttcttcc	tctgcttagg	gagctgcgga	actggcaatc	tgtcaatgaa	300
cccggctcat	ccaccgttcg	ctctccccgg	cgaaccaggg	aacgtcgtct	atgattatcc	360
agagggcttt	aacatcacca	atgctacgga	agcagcctca	gcacccgctg	gggaggcaag	420
ccaatccgca	gcggcatcat	ccacaactac	atcagccccc	tacctgcgta	caacacctac	480
ccccggagtt	cgtaattgtg	accacccctcc	ttatgttata	aacctatgtc	aacctggcca	540
cgacctgagc	gttcacgcca	tctcaccaaa	ttctactcac	ttcgatggng	tccaggagta	600
tgatgtacac	agtcttttac	ggcaccaagg	gcatanatgc	aacctatcac	ggattgctca	660
aggggtgtgga	gaacaaacgc	ccct				684

<210> 6136

<211> 933

<212> DNA

<213> *Aspergillus oryzae*

<400> 6136

gagactggcg	ctcggactcg	agacggacgc	gggggaagac	ttcttgataa	tgtttccctc	60
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gggagatcta	gaagccataa	tcacacgata	cagaaccctt	cgcctaagag	gcctgaaaga	180
gaaccacgac	tccttctcat	ctaagtagca	ggacgaagtt	gatctcccat	acgagaaatg	240
gctagctcga	gttaccaccc	cacaagcgcg	ttcctttgtc	gcttatgacg	cccaggggaa	300
caacaacatg	gaatcttttag	cgctcctttt	gagtcgagaa	tggttgggta	cagtcaccat	360
agtagggcct	aggttgcctg	ctgaagataa	cgaggctctg	tcaaaagcac	catgggatat	420
gtttcttccg	ctagaagagc	gggagctgtc	tgagagagag	actcgtgatg	cgactttggg	480
gtatatgctt	gggggcatgt	tcgttctcga	gacgggaaga	cgaaagggga	acggctcgtc	540
gctgattgaa	cgggctgtta	gtgaagcacg	gacggaagct	attgagggtg	gggcaagtcg	600
tgtcttagtg	gtgtctgtcg	cggaacgaaa	gaatgatgct	gcgcgacggg	tgtatgaaaa	660
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tgttgccatg	gttttggatc	ttaagggtta	aggcaggaat	cccctgatat	ttaaaaacga	780
tgaccaaacg	gggaggggtc	cttttggcat	gccttcctgg	gggtaatat	tggtatcgg	840
tatttcggaa	cgggggaaat	cttttggaaa	agaagtgcgc	ctccccctcg	caatgggtcc	900
accaccacgt	ccaatgggta	caattggccc	ccc			933

<210> 6137

<211> 664

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(664)

<223> n = A,T,C or G

<400> 6137

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cggccagccg	tctccccagc	agattgccgc	catgcagcaa	cagttcgctg	ctgaggccgc	180
aaggcgtggg	atgaactccg	aggaattcgc	taaacaacag	cgcgaacagc	tgaatgctga	240
ngctgogaag	catggcatgt	ccacggagca	atacgtccaa	caactgagaa	tgcgagctct	300
cgtctctcac	cagaagcang	tgcagggcca	acgacagggc	ccaaagatcg	ccacagccag	360
gacagccagg	acaaccaggc	cagcaaggcc	agcaagatga	gncaaaggcag	cagacaccac	420
aacagcctca	cccacaacag	actacgcctc	aagtcctctg	tgacccatcg	aattcccccg	480
acccttaaag	catecggggt	ggcgaagtct	tgcgatctca	gaacctgaag	ccgagacgtg	540
tttcatggat	ggacagagga	aagacaatgt	caaaqtggaa	cgtgccattc	gcgctctqga	600
agtgcgccgg	tacgtttaaa	ccaccggcaa	gaaagatctc	tttacttctt	ctccgaaaag	660
aacg						664

<210> 6138

<211> 716

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(716)

<223> n = A,T,C or G

<400> 6138

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ccccagcaa	aaagctcgct	tccccacaaa	agctcgcttc	cccgcggaag	cccaggagca	180
cgagggccag	ggaatccaag	gaagctcagg	aggtcaagga	ggtgaaagag	gcgagcattg	240
tggcgaccag	tgaggcaaat	gcaaaccctc	agtctgcctt	ggatgctaca	gccgaggccg	300
gatcgggtcaa	tggcaccatc	caacccagcg	tggaaacacga	tgaagagaga	gtggctccta	360
ctcctaagaa	glctgcttcg	acacccaaagt	ccacgaagac	acccagagct	gcccggggcga	420
aggagcttaa	agagcttaag	gagctcaaa	agattgagga	ggctcgaggag	accaaggaga	480
ccaaggagga	gaatgtcaaa	gtggatgttg	aaactaatgc	cgacgaagcc	aaggatgtac	540
aaacgaccaa	gaccaccgtc	tcgggtggaat	tgcctgtttc	cttccttcct	gatgctccat	600
ctgccgaaga	caccgaanag	atgattgcta	aggctaggaa	atgtagaaga	ggctgnncag	660
ctcagagcac	agaggaggaa	cccgtaccat	cgtcacaaaag	gctgctaaga	gcgcaa	716

<210> 6139

<211> 605

<212> DNA

<213> *Aspergillus oryzae*

<400> 6139

ctccccctcca	gcctctccat	ctgtaccacg	attattttgtg	gcaggctctg	gtattgttcc	60
atccccctgaa	ctcggaactg	gcgactggag	ctggaaagag	ggagcagagc	ggcgcaaaaa	120
agcatctctgc	atccgagccc	catgggtccag	taccctcggt	gaccgtacca	actcatactc	180
tgaaccttcc	acgcctacca	ctcccacacc	gaacgcgtca	acttcacctc	gctttccacc	240
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atgacgactt	acgattgatg	tataaataga	tgatgacgtt	gagaagatct	gatggacggg	540
atgtacgtac	tgcattatgg	tacggaatat	tagtgggggg	ttcgaatttg	attgctgctt	600
ggatc						605

<210> 6140

<211> 574

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(574)

<223> n = A,T,C or G

<400> 6140

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gaaccagacc	gaggactttc	aattattttc	aaacagcccc	acttcgcttg	gtgggttctcc	180
ctaccataac	atgagtgtatg	cccaggqgtt	tccacctggc	gcaaacttcg	acctqaacca	240
gccccaaagt	cccggtattg	gaagtccctgc	ctccggatcg	agcgagtttc	tcacacccacc	300
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ctcatttgag	ccgtacatgc	agcctaagac	cgaggagagc	ttgttggttcg	tgagcggcgg	420
atttggcgat	gtgcctagta	tgttcgagca	gaatcccatg	gattttctga	ccgacccgat	480
gtacaactca	aactttatgg	gctatqaqac	tgtccagccg	cagcttgagg	ccaatccana	540

tgcgcnagtt ggactggatg gttgggatga tttt

574

<210> 6141

<211> 751

<212> DNA

<213> *Aspergillus oryzae*

<400> 6141

tgtgtgctcg	atcgattcgg	cacgaggcct	cagactctct	atactactaa	gatcccgccc	60
gagtctatgg	ggtatgagag	gactaagcgg	gccgtggaga	gtagtctccg	ggaggcgggg	120
gtggagtata	ttgagctaatt	cccactgcct	gctcgctatc	gtttgaaaca	agacatccta	180
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tccccctctat	ttgttttctt	cttcttcccc	gaattcgagg	ttgctcttct	cttttggtcg	300
cttcgcgtcc	tccgacgggt	tttcatttct	ttttttcatt	tcacgttttt	atcgtttccg	360
accggggggg	tgggctcttc	ttgtcgccct	gtcaaaatca	atatttcatt	tcttctctct	420
tccccgctct	gttaatatat	ttgcttaact	ttatatcggt	tttcgtgtgg	tgtttatatta	480
cctatgtttc	catttatgtt	tcttagtctc	agttgatgtt	gtcgtttttt	ctcgtgtatc	540
tctctgctgg	tatttgctcg	cactcatcgt	gcctgcattt	gtgctctctt	tctattatag	600
ttcgtgaatg	tcggtgtttc	tatctttgtt	attctgttac	atctcatgtc	gatagttctt	660
ttgttgctct	gacactctcc	tgagactgag	tttaacgttt	tatttgagat	tatcactgtg	720
catcttctct	cttttctctc	ttctctcttc	g			751

<210> 6142

<211> 731

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(731)

<223> n = A,T,C or G

<400> 6142

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cctagattca	atggatcggt	tttggtctgc	gccccctgtg	acaaggactc	taactgcctt	180
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ctttattttag	cctgagcggg	tcttgggaag	tgagggngat	tggccccctgc	atctcatacc	660
agaccgcgat	tgcattata	atttaggggt	ggattccaag	taaggattgc	ggcgacgggc	720
ttttaaaaac	g					731

<210> 6143

<211> 684

<212> DNA

<213> *Aspergillus oryzae*

<400> 6143

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ttcatcaaaa	accctttcgt	gggcaccttc	acctttttct	atctcctgty	tcaagcqqat	180
ctcaactggt	tctttgctcc	tgccccctcc	ccgccccggt	cactcgtcaa	tggccttccc	240
aagaagcaag	tggctgtcat	tgggtgtggg	ttaacggggc	tgtgcgcgcg	agctcactgt	300
gtcgggtcat	gattcaacgt	gcagatcttt	gaggcgcggt	ccaaggcgaa	cggattgggc	360
ggtatctgga	gtctcgtgaa	cttgacctcc	tctttgcaga	ttcatagtat	catgtaccga	420

tlccatccga	cygtgaaata	ccataatgcg	tatccgacgc	agggagagat	tactgagcaa	480
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ctctcgtaag	caagcaaaga	tggcaatgga	ttatcatgat	gataaaacaa	atccgcgcgt	600
ttgatggcta	aggggcaacg	ttagagttgc	gaaaacccca	catgcccccg	atgcccaccc	660
aaaaccgttt	aaaggtgata	cttt				684

<210> 6144

<211> 519

<212> DNA

<213> *Aspergillus oryzae*

<400> 6144

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ccaaagatgt	gattcccgtt	ggtgagctct	ctgtaagcca	gatcgaggat	gaattgcaga	180
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tyggcaactgc	gtatatcttc	ggacccccaa	acttctctct	ggcactatgc	ccccccaaca	360
tgcacccctg	atccttggac	gcgatggtag	ctttcgccgt	gggtgggctg	atgggcgaca	420
cattattcca	cctcctacct	gagatcttcg	cttgccaaga	cagtcctctac	cacgtgcggt	480
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<210> 6145

<211> 732

<212> DNA

<213> *Aspergillus oryzae*

<400> 6145

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agcggagcta	attacgcggg	cttcaacttc	cgtgactctc	ggcgtcgctc	gtctgatacc	180
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<210> 6146

<211> 628

<212> DNA

<213> *Aspergillus oryzae*

<400> 6146

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gggaacgggtg	tcctttcatt	atgaaggctg	gcaaagccct	caatgagcag	aagaccgaga	180
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<210> 6147
 <211> 1453
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6147
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 agagcttcac gagcacgctc acattgatta cgagcgtgtc gctattatcg ctaaccctgc 180
 cgtccctgct ctttacgaag atgctcttgt ctatgagact ggtactgcta tcacatcgtc 240
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 cgtgaaggag gaatcttctg agcaggatat ttggtgggga cccgttaaca agcctatgac 360
 tcccgatgtc tggcgtatca accgtgagcg tgcgtgcgac tacctcaaca cccgcaaccg 420
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 gcccaggcc actttctctt cttgcttcgc ccagccttcc ttggctctcc accccatgcg 1140
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 caccggctgg gttggcgctg gcgccaccac tggcggttaag cgttgccctc tcaagtacac 1260
 ccgtgccatc ttggacgcca tccacagcgg cgagttggcc aacgcggagt acgaggtcta 1320
 cgatgttttc aaccttcaag tgcccaagag ctgccccaac gttccctctg agcttctgaa 1380
 cccaagaac agctggactg cattcaccag cttcaaggac gaagtcaaca aagctaggca 1440
 agttgttcaa cga 1453

<210> 6148
 <211> 717
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6148
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 taaacatttc tttgttctat acatccgcca aaatgcttcg tgtctctgct atcttcatgg 120
 cctgcctctt totggctacc gctgccccca ccgtcctga gaagagcaac gcttgctctt 180
 ccattgtgtc gcaggagaga cctgctttgt ctagtgatga acgtccaact ggctctgagg 240
 gctgctgggg ttgctgccag aaaatcgaag cagttagctg acctgtccaq cgcgcgtcat 300
 gtctctccat gtgtcaacag gagaagccta attgtgctag cgatgagaaa cccgctggct 360
 ctgaggggat ctggggctgc tgccagaaaa tcgagccagt cgtccctgtc aagaaggaga 420
 tgtgtctctc catgtgtttg caagagaagc ctacttgtgc cagtgatgaa caccctactg 480
 gctctgaggg ctgctggggc tgctgccaaa agaactgaac aacaagcatc taaagactga 540
 tcatgggata gtcacatcaa aagtattaat tctctgtcta aatttgttca aaagcaaaag 600
 caaaaaatgc ctatctccaa tttttatctc ttaattggcg gatgtccact gtgcattgca 660
 atgtggacac ccgttccatg taagtactaa tgaatagaaa ctcttccata tatgtgt 717

<210> 6149
 <211> 657
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6149
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 tatgggacac tttgcctggc ttatgtctgt acaatctgag atgcgtctcg ggactccatg 120
 gttcttccca ttcattggctg tctccggcgc cctcggcact ttcttcatca ttctcattct 180

catcctcgcc	gccacgcgtt	tcctgctccc	cggcattatc	atgctgggca	gtttcatcct	240
cttcgtcctc	tggttgacgg	ggttgattga	gacctcggtg	cagttgtacg	gcgtggtcgg	300
gaacgtcgat	gataattgtc	agatctatat	tgttgataat	cgcgcggggg	ggaataatat	360
gcagaccttg	gcttggttga	cccagaagac	tatttgatg	tgttggaaga	cagcttttgc	420
gtttgagctg	gtgaatacca	tcttcttctc	ttggatgatg	atcatgtcgt	ggcaggttaa	480
tcgcgatgta	tatgattgat	tttcttggtc	ttttttgttt	tcgttggtgt	ttctatgacc	540
ggatatgatg	ttgatgacta	attatgcatg	ggtttctgat	cgattctgta	tgtatgaaga	600
tatgggcgtt	gtatggtata	tgatatccaa	aatttgagat	tccttttttt	gtcaaaa	657

<210> 6150

<211> 634

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(634)

<223> n = A,T,C or G

<400> 6150

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gcgtccaacc	gaccggcaga	tttcgtatcg	gocgtgggtat	tcgcacatga	atatggcatt	180
ttacctgctt	cgctccaaaa	cgggccattc	attcctaata	gtttttgtgtc	gcttgccggc	240
gttcggggtg	ggtgctgtcc	agctttccgc	aggttgaacc	agcccacctt	gcggatgccc	300
cacacagggt	ttccctggaa	cgcagcctat	aaaacccttc	gctcctaata	accggtgtta	360
aatctgcggt	tatcttgtgg	taaaattctt	ttttctctgt	atagattttg	gcattggagag	420
ggccatatac	gggggctgga	ccaaaatggt	gcacccggcc	tggtataaaac	gaaggggggt	480
taaggaccat	atcaaggacc	cttggcgggg	ggattttggca	attcccttcc	tttgggggggt	540
tttgggcccc	ccccggcccc	gggggggatt	tttccaaacc	ggggttcctt	taaaaaaaaa	600
atthaggggc	gccaaccctt	tttaaagccc	cccn			634

<210> 6151

<211> 679

<212> DNA

<213> *Aspergillus oryzae*

<400> 6151

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gggtgaaacc	accagatcc	acgctcggcg	acttctactg	gcgacgagc	ctaccgcggc	120
taacatggct	cgtttcgacc	tggaacgtaa	tgagaagaac	gtcctctcca	gattcaccta	180
ctccaatgaa	tacacgggta	ttgtgaacaa	cgcgcctttt	gcattcaacc	aatcctattt	240
taacctgccc	gggacagcgg	cgcgggacaa	ctacctcgcc	ctgcccgaag	cgtctttcac	300
agctcgcatt	gactacatcg	gcggcgggcg	cctcttcagg	gtgaccattg	tcggtaacag	360
cacgctcgac	acagccgggtg	ccaagagact	cgtccagaac	gacttcaaca	cactgctgcg	420
ttcggggcgt	ttggcggaaga	caagcaacgg	ggagccgctc	agctgggtgg	actttgcgac	480
ccacgggtccc	atgcattgcc	gtgtttctgt	cgcgatgtc	aaggccggct	tcttcagaa	540
gctgaacgct	ttgcagggtg	gtcgggtcaac	ctgggtggact	ggcgggtgctt	tctcggataa	600
cttcacagaca	acgttgtggg	agtgtgacga	gctccttttc	ccggaacttc	ttaatgggct	660
gaactagggc	tacttggga					679

<210> 6152

<211> 520

<212> DNA

<213> *Aspergillus oryzae*

<400> 6152

cagctagtta	tatgccatca	tcacaaccaa	gcgcgatggc	aatcgatgcc	ctgtatcccc	60
acgataacct	atcaaataca	ccaaacatgt	cattcctcct	caccgcgacc	tcagccgtgc	120
taggggtcgg	cctcggcctc	tccctcagtc	cgtctcctcc	cttcggttcc	gccccaatgc	180

aatgccaaata	cagcgccccg	tactaccgac	ccgagtcgca	agcctccccg	gactcaggct	240
ggaccgttga	ccgcaacgac	cccgtgctcc	tcaaacaggg	ggctacgaag	agcgggtggt	300
tgacggcgtc	gaatatgcga	caggtgagtc	tggggagtg	ccttgggctg	gttgtggggg	360
tgggattgag	ggcgttttcg	agggtttttg	ttgtgctttt	gggtatgggg	gttgtttttg	420
ttgagtgggc	tgctgcgaag	gggtataatg	tgattcctgt	ggatcggttg	cagaggcttg	480
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<210> 6153
 <211> 675
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(675)
 <223> n = A,T,C or G

<400> 6153						
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cagaaactgc	gcaagtccca	actgacggac	tgggcggaag	ctactgatct	tcacaattat	180
gaggaatata	ataaacccga	acttgccacg	ctgttggtac	aacatctcca	agctaaccag	240
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cgcaaggggt	cgccggtcaa	gagagacccc	cgcggtgaaa	tctcgccact	tgcgaaagaa	360
acaccgcggt	cggtgctacg	gtcggcgcgt	cgcagacaga	cgagagcctt	ggaggaagag	420
gtgaaggaag	acgaggccaa	ggaagaggcg	aatgaggaac	ccaaggagga	actcaaggag	480
gaaccaagcg	cggaacctaa	agaggaggct	gagcaactcc	aagagggaatc	cgacgcgtnc	540
ccaccacctg	tcttccagac	tcttgggccc	tgcgcgctga	actttcaatc	ggcctgccc	600
gcacgcgcgg	ccctcctcgc	tgatgtgggt	gaccgggagt	ccgtcccgtg	gcgcaagaaa	660
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<210> 6154
 <211> 671
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(671)
 <223> n = A,T,C or G

<400> 6154						
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acatcaacgt	aaactacacc	atcaatggca	tacactagaa	ctgacccctc	gttcaccttg	180
agtgcgcgac	aacgcattga	tatgagccac	cacagtccca	tgcatcgtcc	ttacgatacc	240
ttcgccgccc	ccaagggctc	cgatccctta	tgggccaact	ggaactatga	tagtgctatt	300
gatctgttct	cgctcaaacac	catgatgccc	gagaacttcg	ctctcgatgt	gcccattgag	360
cctatgggag	tggaccccaa	ggatttcccc	gcggatttct	tgcgcgcccc	tcttgatata	420
agtggattca	ccatctccaa	ccactcgggc	gaagatgcgc	gttctatcac	ttcggatctt	480
gaaagtgatg	atcagtcgtg	gtctcccacc	tacgctgctc	ccgctgagat	gcttncctgc	540
ccnccgaagac	aatccacccg	ccgcaagacc	accccgctg	tgaaacgcga	gacgacatgg	600
tcctcgagtc	cagaactcgc	accccaagat	accccgccac	acctncccta	gacgactcta	660
catggcctcc	c					671

<210> 6155
 <211> 677
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(677)
 <223> n = A,T,C or G

<400> 6155
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 ctggctccat ttttcgggac tcgaccttct ccacatctcg catttcaaag gccgaccgct 180
 cagcttcggt taccgcgcca cttttcggag acacaagcgt actgaacgtc gtccctctca 240
 ccaaaccag acggtgcctt gattcagtg gtccgacttg aaaacctggt ctggtgaacc 300
 cgttcagctt ggcagatggc atgcgcagcc gaccgcgtt gcgtttgcat cactgacagt 360
 cgtgcagtaa cgcagtcgaa actcctgcc cggataccat tttccggctc aacgtcattt 420
 cacagtcaa agttgcaaac cctgtctca gacacggaat gcgtctccct tgccttttcc 480
 ccgcagtaa ccgggccga agcataatca ggaattatgg gctcatttgt ggaggatctt 540
 tgggtatagg tctttacccc gggctccact cccaccttgc tcgtcgtgtr taacgccact 600
 ttgcgcgac tccaaactggc cctcttgctg ctctgtctcg cgagctadag gatncacttc 660
 atcgtctctt ccgtccn 677

<210> 6156
 <211> 670
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(670)
 <223> n = A,T,C or G

<400> 6156
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 atcgttgggtg tcttctcggt tgtgccacga ggagggataa tcgggcttat tatcgacgtg 180
 ctattgctat ccgaccgtgt aatgctatcg atgatatgct tcggtgtctc cggaacgtca 240
 aaagcttgat taaccacaga ccgaaatccg acggaggggt tatggtgtaa ttgaggttct 300
 tgcgtctgtg gttcggcggg ttggtctttc tgagcgtcag acgaaggtgc agccgtgaga 360
 tctgcgcga atcctgacag acgcctgata tctgggagcc caatgatagg aacatcattc 420
 tgaggtcttg aaggaacact ctggttctcg gattgctttc cttttgcttc ctgtcctgcc 480
 gggctagttg taggtactgg atctgtggag gcccgactca agcttgagg gcttcctggc 540
 ccactgtct gctcgcgtaa ccggctatag atgtcggctg agcgtaatgg gaggttgtga 600
 ttctgttctt ctgcgttgcg gtccgctgag tgactacngc tatccgccac agggccggctc 660
 cctagcgtan 670

<210> 6157
 <211> 693
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(693)
 <223> n = A,T,C or G

<400> 6157
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 gcatacaactg ggccaagatc ggagggcacc cgatcgagta cgaccggacg tactcccttg 180
 ccacacgagg atacatgggc ccggaagagg acggcttcgc gtcgttgctg gtgcagtcgt 240
 ctggcgggcga ggtagaggag gttgtcgacg aggaaagcgg aatcttggtc agcaccctcc 300
 ttgcctcagta tttctcgaqt ttgaagggtg tgggcagggt gcagcgtctg agtaagagct 360

tggcacgtca	ctgggacacc	gtgcaccaga	acctccattg	caatggcttg	ttgaagccag	420
catctggcca	aacctccccg	gtaaccgaga	aggctccggg	acggcccccag	cgaccgaccc	480
tccaacggag	canacagtac	tatcaatacg	gccgcttcac	ggagattgac	acggaagaga	540
gtccggagaa	agaggccccag	agccatgagg	acatggattc	aaattctgac	tcggatccag	600
aaattttgac	ttctnccgaa	cctaccacga	actatgtgac	cctgcccgcg	cagtcgcgcg	660
cagaagaaga	gcgttgactt	cgactagccc	gaa			693

<210> 6158

<211> 664

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (664)

<223> n A,T,C or G

<400> 6158

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ggtgcgcgcg	aagatgctgc	ttccctcgga	ccgaccccaa	aaaaagggcc	cccagggggt	180
ctacatgaac	ctatccgaaa	tttaatggat	ccccagagc	cccaagctcg	caatacccag	240
ccctccacac	cctcaatagg	gcgtcaaggc	atcagaatcc	gaaccgggaa	gggggatgtc	300
tcggccatgc	attatctgct	acgcgacggc	tgcaaatgcc	cgcaatgtgt	agaccagcac	360
tcgaagcaac	gcaacttccg	catgtccgac	atccccacgg	atatcaaacc	acgtccaca	420
gagtgggacg	gcagcgtcct	gaaagtgaac	tgggagaacg	acatccccgg	attcgacgag	480
tcgcacacct	ccacgtacac	cctgaatcaa	ctacgaaacc	cctccgcaaa	ctactcctac	540
catagcaccg	gccggaagag	aaagcgtctg	ctgtgycaca	actggttcca	gcaccgcttc	600
gtctnctacg	aagagtacat	gcacgacgac	gaagcgttct	ccagcgccat	gcgcaatctc	660
gccc						664

<210> 6159

<211> 708

<212> DNA

<213> *Aspergillus oryzae*

<400> 6159

cccatgcgcg	tgctttccgg	agacagtacg	aggaagcgtt	gcctcgcctc	gacgcgcgag	60
acacaaaacg	aggaattctt	ccctccacca	aatgcgcctc	acatcaagga	ggtagagacg	120
gcttgggccc	accctgttta	taccgaagaa	cagatgcgcc	gggtcacagt	tgctcaccgg	180
gaaacgaagg	actgggcaga	ctgggtagct	ctcggcaccg	ttcgattgct	tcgatggggc	240
atggactttg	taaccgggta	ccgacatcct	cctccgggca	aagaacatga	ggccaagttc	300
cagatgaccc	agcagaaatg	gctcactcga	ttcgtcttcc	tggagagtgt	tgctgggtgt	360
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gttggctacc	ttgaagaaga	ggcagtgtct	acctacactc	gagcaattca	agatatcgaa	660
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<210> 6160

<211> 1071

<212> DNA

<213> *Aspergillus oryzae*

<400> 6160

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cagaaactgg	gatgtatcac	attcatctct	ccgatgttta	tgcttgatcat	ccccaaaggac	180
gcactgcccc	cctccctcgg	acactcactc	ggttactata	gcaagcacat	gatggcttcc	240

attccagacc	cccagcctaa	gaaacgagag	tcccgtgctg	ggacgcgaaa	ggtgacgtct	300
ctctcagctg	aacaactcga	aataaagcgc	gccaacgac	gggaggccca	aaggactatt	360
cgtcagcgga	caaaggagca	catcgaacgt	ctggagcacc	aagtagcgga	gttaaaatcg	420
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cctgactggc	aacagtaagg	ttccacagg	tcaccatcta	tctgtgaatc	gtcggacgca	720
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atgactgttg	cagcacccca	agctagcttc	aatcccccta	gcggccatcc	tcctgagccc	840
ggtctccact	catattcaca	cttatacgca	ggaagcggtc	ccaacaaagt	gcgccgaggg	900
gagcattcac	acaaccctca	acacgtcggt	caatgtgcga	cgagtcaacg	ctcaatgtcc	960
gtgcccacta	ttcgtcaaa	aaggaaactt	cgtgggaccc	ccgtttttca	ccccgcacca	1020
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<210> 6161

<211> 1151

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1151)

<223> n = A,T,C or G

<400> 6161

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gateccgtct	tgcgcgtccg	cgatctcgag	gctgacgagg	aatacgtgat	ggtcgccttt	150
gagcgtcatg	cgagccactg	cactcgatgc	gcagatcccc	tcagagcgcg	caaagatgac	200
cgtctctctt	gtgagcgtgg	acaccaatac	gccgtcgacg	tcgcccacta	cctttacagc	250
aagaacggaa	agtcatactc	gacctctgac	cgtgagcgca	accagcctac	tctcgtcaag	300
ataccccgcg	actgcggggc	tgctccgcga	ctgctcctcg	ccattgaaga	tggtatgcgc	350
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tacgaccgaa	cctaccccg	tcttccccgc	cgatcgacaa	gcccacaaca	gcagcctgtc	450
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acacacactc	tcgactcacc	cgggcagggc	ccagctcatg	cgcgaatcca	ttacacgcac	750
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tccgggggtt	tcttttctcc	nagaaaaagg	gtttctatgt	qaataaccct	tcttatttgg	850
aaacattggc	tctaccaagt	ccgaagggac	acctttgaaa	atcccaaaca	aaccggggaa	900
attccagaag	aggattataa	taaagggggc	gtgttcaaca	aaacggccat	ttagatgggt	950
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<210> 6162

<211> 654

<212> DNA

<213> *Aspergillus oryzae*

<400> 6162

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gaaaatggcc	ctgaagtgtc	gtgatattgt	catactgggc	actggcgnrr	tcattgtctg	150
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cgatgcagac	aactcccgat	ctcaatgttt	gcctgtcgcg	tttctcactc	cccccaactg	300
gcagggttag	actcaaggtc	taaagaaqcg	ctccatctac	aatcccggtg	cctctacccc	350

gcaatccttt	atggtgtccg	aaggtatcga	cgagcttctg	gcgctgggta	cccgggattt	480
catagcgtca	tggtaccttg	gtatcagtc	gaacccagca	ttcgtgactg	aagtagaccg	540
agtgtttcgg	gcagccattg	taaacctacg	tgatcggtta	cttgccgaag	atcttatatc	600
gcttatcgtc	tccccgatat	ttcctattct	gaccacacat	cttaaagagt	tcgg	654

<210> 6163

<211> 836

<212> DNA

<213> *Aspergillus oryzae*

<400> 6163

gcccctctcc	cagctctggt	ggttcctaca	agcgcccggc	tgaacacgac	tcttacttct	60
cgtactcgcg	cgccccgcaa	gccccctttt	ccccgcagct	cgaggaccag	cccaagtgc	120
ctcttccctc	tatctcgact	ctcttggaag	gcgcgcagac	cgcatcgaca	tatgctgcaa	180
agcgtcaaa	aaccagccca	cccccgcgca	gggagctctga	gttccggtca	ctttatgact	240
cagctctcaac	accaaattggc	ccctctactc	cacctttgcg	ccctgaatcg	ggcttccaca	300
ggggccacca	ctctccctct	gcttcgtccg	tgactagtgg	aaaggccatc	aagctcgagt	360
cgtactcgca	aacccccatg	acactgacta	gcccgtccga	tagatcctcg	atctccagcc	420
agggctctgt	ccaccacggt	ttcgtgctt	cctacgcttt	ttctgcccc	gtgtggcctc	480
gtactcttcg	ccggtgaatc	ctcggttcgt	ccgcctgtac	tacagagacc	ttcggttcta	540
cagaccccg	tactgggcta	cccccccggt	ttctatgccg	gctttgccac	caccacaaat	600
gatactccgg	tactcgggac	tgacacaca	actacttccc	gtttcgactt	ggccccctacc	660
aaagaacccg	accggtatct	tgccggactt	gcacagggcc	tttaaacaca	atcaggtggg	720
attctttata	aagcaattgg	gggaaacctt	ttccgtgccc	caacccgggt	gaagaagggg	780
ttccgtctaca	aacaaataaa	ccccagaacc	gggtgcacca	ccgaaccccc	gtccct	836

<210> 6164

<211> 642

<212> DNA

<213> *Aspergillus oryzae*

<400> 6164

tcaagtagaa	gaggcgcgtg	gccccctccc	ctccttattt	tttcggacca	acttggttga	60
ccaccgcttc	actctttcag	cgggcactca	ttcgtttgca	cacaaaaaca	ccatataccc	120
aaatccatcc	ttgaatttcc	attctatcca	acatgagggg	tgctttcttg	gccgctgcgg	180
ctgccgtcgc	cggtacggcg	atggctgatg	tcgcgcacat	gcgtcgtcat	ggccatgatt	240
ctttccacca	caaccgcgcc	tatcagcctg	aggttctctc	cgagggtgat	gagaactgcg	300
aatgtaccac	caaggctcat	accatcactg	gcccctctac	cctgggtccc	atcaacaccc	360
cggtctctga	gcccagcagc	agcagcagct	ctgaggtccc	cagcgttccc	agcagcgaaa	420
gcagcgtcgt	gacctccgag	gctgtcacca	ccctccactc	caccagcccc	tcctccgctt	480
ggtagtgggc	ctggcggtgc	tggtagaagt	ccgtttgatg	gtggaatgcc	aggcggcttt	540
tcattcggag	gcattgcctg	aggaaagtgt	gctcggacct	ttccgttttc	gactgggccc	600
cgcggtggca	gtggcttcca	attcaactcc	gcagatgata	tt		642

<210> 6165

<211> 751

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 6165

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gttggaggag	gctagcctcg	acaaggtccc	tcgtcgtgac	cctgagcttt	acgtcctgct	180
cggtgtgatg	tcgggtgctt	tccttgcctc	tggtatggtg	acgccccctt	ccgcacccac	240
tttacaaccc	acgaacggcc	gcaaaaattc	cccaattgca	cgtggaagcg	aaacaaatta	300

ctaacaattc	tttcctcata	acaggtactt	eggcaagaag	cccacctccg	tgacctccga	360
gagcaacgtg	cgcattggcg	acagcgccat	gccttgggag	cgtgaggacg	acggcaagg	420
ctacaagtac	cagtaccacc	ctcacgggtg	caagagccag	cctctcagaa	acgccccag	480
cgctctgaac	accgttattg	tgcccaacgt	tactctgccg	gctgatctcc	atgagcgcta	540
caacaagtat	ggcaaggagg	agtgggatta	ctaaatggtc	atacagctac	atagaaggct	600
attagggggg	tggttgaggg	gcattctaac	actggctcgt	gtataactaaa	attgctgtga	660
agagtagaga	agcgttgtgc	atagtacatc	ttgacgggaa	tcaaatggag	actgcttttt	720
tgcatcac	aaaanaaaaa	aaaaaattcc	t			751

<210> 6166
 <211> 718
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(718)
 <223> n = A,T,C or G

<400> 6166						
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ttaccccaca	accaaatcta	ccaatctgac	atatcaatga	catcaatcga	gcctcccagc	120
cctgtcggaa	cccgtcacac	agcgagacac	atacactgca	tggccgatca	ccaccgctaa	180
acccaatcaa	tccttccagt	cctccacctc	acctcaccaa	tccaccaacc	tcaaggacaa	240
accaaaccgg	gaaaaatggg	aaacatttgc	tcccgtctca	aaaaccaacc	cgaggccttt	300
tccagccccg	gtcgcgtctt	gggctccgcc	aatcctcccc	cgggagacac	agggaaatcc	360
agctnccggtc	cgcgcgcccc	gctccccgca	aacgccagta	cggggaggac	cctgggcggc	420
gcggggggctc	caggtgctgg	cgcggtatca	gctgatgcgc	gggccaatgc	agcgattgcg	480
gcgcaaaaac	gggctgagtc	tactacggcg	ggcaacaagg	gcaagttang	gtcaaagtta	540
gccgctcaga	aggcccagac	acaggcccag	acgtnggggg	aggctagccg	taatgagagg	600
tctgctanag	atgcggataa	tgtgctgag	gccanaanaa	tggagtgatg	gatgtacaaa	660
ttactcggnt	ataacttaat	tctggctgtg	aatcgccggg	gtttcacttt	ttctttct	718

<210> 6167
 <211> 560
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(560)
 <223> n = A,T,C or G

<400> 6167						
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tcgccaaaagc	ccagtctacc	tacaagccac	ctcacatcgc	aaacggcaat	gccttccctgg	120
gggacatagt	ctcgagcgaa	cacaatgata	ccgagaagcc	catctcgggc	ggtttctacc	180
gcctggagaa	aggcgtccct	ctagtctacg	agtaccactt	cgatgagacg	aagatcatcc	240
togagggtga	atttgagatc	tcggatgaga	ccggacagaa	ggttacggcg	ggtcgggggg	300
atgtctttta	ttttccgaag	ggatcgaaga	tcaccttcac	gacgcgctcg	taaggcttgg	360
cgttttttcac	tggacaacgg	gccaaagctgt	aactgttaac	tttaacatgc	atacagcaaa	420
acccgctata	agcgaccccc	atagagggaa	tctacgcgtt	ataagcaatc	taattgagtg	480
tctgaatnta	actaccatac	aaaattcctt	aaaacctcaa	tatacggaat	attttatcgt	540
tctgaaaaaa	aaaaaannnn					560

<210> 6168
 <211> 662
 <212> DNA
 <213> *Aspergillus oryzae*

```

<400> 6168
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tcgcaggaag atctcaaaa atggcctccg gaattctcaa ctccacctac tacggcaaaag 120
actaccgcgc tgggtgctgt cttctgcgcg ccgcgtgctc ctacctcgtc aagaatgcct 180
tgaccggact cggcctcgtc gcgttcaacta tcagcgteta cgcctacacc atccgtgcag 240
tcggccagga tgaattctcc gatgtgaagg tccccgagac gcccgcgaag cccagcaga 300
agcaatgagt gcgaatcgag cgttttactc gacctgttgg tgtgtgactt cgccttttga 360
tttggttatg acggactctc ggttggtcag ggtagaatt gcacaccaat ggtcaaggac 420
aatggttcga ttcgatcatt gatcgataa tgtatcggtt accggagtaa cgtggcgaat 480
cgtgtttcct ttgcttgcca ctacatgcct gtgggcttcg aatgggaaga ggtttttcaa 540
tgtgcgataa tcgtgggaga ttaggtttt ctattggaag tctgcaaatt tggaatgatg 600
gtgagagcgg gagccgtgca agacccaacg ccgcggcaat gctgcgcaat ggggatgtga 660
aa 662

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<210> 6169

<211> 959

<212> DNA

<213> *Aspergillus oryzae*

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<400> 6169
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tatttttggg ttgaatgagc aacattgccg ggccattcgg ggactatcga ttgttccatg 120
actccgtgga agcccagaca ttggtgactc aacccaagg ccttctcttc tcgcagggtc 180
cctgttctcc atccaactcc ggtccccggg gcttccctct cactcttaat aatcccttcc 240
acctcgttcc tgcccttttct gctaaagtgg ggcaacaacc ttcaccattc aatttgacag 300
cttgatctgc cgaccttaat atcaacctca ccccatcggt tcactcacgt ctcttctctc 360
gtatcgctcg tatcagtcac ctacacctcg ttgaactaca cagtcacatc gtctgactcc 420
aacgaccttc gtcataacgg taccgcggcc aagagggtct ataaccacaa gtccaaatgg 480
gcctacgggtg gccgagcggc gctcccgcac cgcgatgtct ctctctctga cccagtgcct 540
cgtccagcgg caccacagac tcactccctg aagtattccc gtcttttgca gcttgaccga 600
aaggccaagt ccaaccagct agcgaccacc gccaaagtcca cctgcgacg tgacattcgg 660
gaggccctgg acagcggccc atccgactcc tccgcgcggg aagacgttga ggaaccctca 720
gccgcaaagg atattctagg acaccttcag gaggaggatc tgttagaacc ataccaagtg 780
tcgggacaga caatcctctc tgatgcgata agcaaggctg tagagaaatt tgagacacga 840
gaaaccgaga agctggctga ggaatacga atcattactc gggagagtga gatcgctacg 900
ggctatctcg ccgatgatga ttctgagcta gtcgaccatg atcaccgcag ggctgtgaa 959

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<210> 6170

<211> 666

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(666)

<223> n = A,T,C or G

```

<400> 6170
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aatgngtca ccacccccgg gaatgtcagc ctacatgaa ctatctgagg atagttctac 120
cgagcatacc gaagatgctg atcctgaggt tctggtggca aacaaaaaga aacgcaagtt 180
tttaaagaag atcgggtggt cctgggctga gcgatacagc gtatcattgg tatctgccag 240
tgtagttccc aattactttc catcgcttcg ggtcggtgaa tataacatct ctgggttagt 300
agatgccacg acttggggcg agtctcggga tcaagatact gcagtggcct cgcctacctc 360
cgatgtgata gatgatgatg atgatgatga tcatgcattc atcgagaaaa agaagaaggg 420
gaagaagaag aagaagcagc cccacttcaa ggtccccaaa cccccgtcgt catctgtctc 480
accaggaccg gcgtactcga accaaccgtt tacatgggtg gggttacctc aatatttctc 540
caacctaacg aagattaacg agcacatgac caacagctgg gaagttgcgg gtgactccat 600
caatcttaca gacaccgaag ttaacgaagt tctgaaaacg agccataatg ataatgcttt 660
cgtctn 666

```

<210> 6171
 <211> 697
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(697)
 <223> n = A,T,C or G

<400> 6171
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 atctcggata ttccacactc ctgcagaaaa tgaaccgttg caacgaactt cttgactcaa 120
 tcctagttca cgaaagtcac acacgaacta ctacttacta gttttgacaa gcgttcgata 180
 aatcaaagta agaaagtga atcaggatct cgtatctgct tagctagtca agatgtactc 240
 caaatctcgg ccaaaggggg gtcttccggg tatcctgcat ctttataccg aaacccctcgt 300
 cacattcgaa tacacaacct ccacagtcag aaaaccacac agtctcctct tcgtcggcgg 360
 tttaggcgat ggcttcgcaa caacatccta catggcggac ctgcgcgacg cctccaacc 420
 aacagaatgg tccctcttca cctgaaact cacatcgtca taccaatcat ggggcctcgg 480
 ccattctggac cgcgacacga acgaaatcgc ccaatgctta aactacatta aagaatataa 540
 gaccgagaaa ttccggcaacg gaaagaacgt cctcatgggg cctttcgaca ggtagccagt 600
 gcgttgtgca ctacctnttc ccggcctaac ccgcacacca atacttcctt atttcgaccc 660
 gaacgctgag catattttaag cgcattgtcc tttgacg 697

<210> 6172
 <211> 698
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(698)
 <223> n = A,T,C or G

<400> 6172
 gctacatcaa cagttctaag ntccaactcc cacatctata aaccgccatt acccatagat 60
 gactctccaa gccaaactaa tccccacccc gggcacaccc ccaaacgtcc acaaggacgc 120
 cctgaaagtc ttccaaacct tccaagaagg cggcatagcc atcgtcccca cagaagtagg 180
 ctacggatta atcgctcctt ccagtgaagc catcaccgcg gcctttcacg ccaaaacgcg 240
 ccgtccaggc cacacacaag gcataatcgg caactacgat gtccataaag cgctgcacat 300
 tctccccgag gagagattca atatcaccaa ggtcctaacy cactatctag acatgtcgt 360
 tgggataatt gcgccatata aatccgacca taccgttttg caaggcatgt cqqcggagac 420
 gttggaacag acgactaagg atgggaatat ggctattcat gtagggtggag ggtaacttct 480
 gttggaggtt gtgagattgc attatgaggt gggaaagggt gttgtgggtt ccagtgcgaa 540
 tgtgaccctg aagggaacaga agttccgggt gcaggatcag gaggagaaga tctntgaggc 600
 ggcgatatt gtggttgatt atgggttgca gcggtatcat atgtattgga aggcgagtat 660
 attatttgat tntgnngaga tgaangttgt gaggatgg 698

<210> 6173
 <211> 799
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(799)
 <223> n = A,T,C or G

<400> 6173

ccgataatcc	cgatgagtat	gactcctatc	ccgtctctcc	ctggacagga	tcgtcgagga	60
ttaaaccgtc	tagttccttt	catcaaacca	cttgcccaca	aggggctacg	ctcagtcac	120
ctgtttggcg	tcccactaca	ccccctctcg	aaggatgcac	taggtaccgc	tgcagacgat	180
ccatctggac	cggtaattca	agctattcgc	ttgcttaggt	cgcggtttcc	tcaactttat	240
atcgtgacag	atgtgtgcct	ttgcgagtat	acttcgcacg	gccactgtgg	gatactgcga	300
gaagatggga	ctcttgataa	tacacagtct	gtggatcgga	tttcggatgt	tgctctggct	360
tatgctgccg	ccggagccca	ttgtgtcgct	ccgtctgata	tgaatgatgn	gcgagtgcgt	420
gctataaaac	tgaagcttat	tgaagccgng	atggcccacc	gtgtcctact	gatgtectac	480
agcgccaaat	ttagcggmnt	gttgacggcc	ctttcgtgat	gcagcgnggt	cctgcccatt	540
cattcgggat	cgcagatgct	accagttacc	accngagcc	cgngacttgc	tcggngcgct	600
atacagagag	atatagccga	agggcagaca	tcataatgg	aaggccgcga	gcagttactt	660
gacattatca	gggacgcaaa	agaaatgcc	aagccatccc	attgctgctt	acaggtcagc	720
ggtgagattc	ctatgaacat	gctgnggcc	aggccgncgt	ttttgacttg	gaaccactgg	780
ccttgaaaga	cctgaagg					799

<210> 6174

<211> 699

<212> DNA

<213> *Aspergillus oryzae*

<400> 6174

caaggacggc	aaggctcgctc	ctatccagaa	tgtttaagat	tactcctaca	acttgcccaa	60
ccagctcggc	tttggttaaca	acaatgactt	cgttgagctc	atgcgtttgt	acctgaccat	120
ccactctgac	catgaggggtg	gaaacgtcag	cgctcacacc	acccaccttg	ttggtagtgc	180
tctgagctcc	cctatgctgt	ctttgtctgc	tggctcgaac	ggattggctg	gcccccttca	240
cggattggca	aaccaggaag	tgtttaactg	gtccacaaag	atgaaggctg	ccattggtaa	300
cgacctcagt	gaccaggcca	tcaaggacta	cttgtggtcc	actctcaacg	ctggccaggt	360
tgttcccggg	tacggctcag	ctgtcctgcg	taagactgat	cctcgttacg	tttctcagcg	420
cyagtttgca	cttcgcaagc	tccctgatga	ccaaatgttc	aatctcgtca	gccaagtcta	480
caagattgct	cctggcgtgc	tgactgagca	tggcaagacc	aaaaaccctt	tccccaatgt	540
tgatgctcac	tctggtgtcc	ttctttcata	ctatggcctg	actgaagcca	actattacac	600
cgctcctgtt	ggtgtctttt	gtgctccta	tgtctgccta	actgatcatt	gaccgcgccc	660
ttggggcccc	attgagcgcc	ccaagtcttc	aacaacgag			699

<210> 6175

<211> 636

<212> DNA

<213> *Aspergillus oryzae*

<400> 6175

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aggaaagagg	cgtgagaaaa	gaacaactga	ggcagatcat	tggcatcggt	gcgaccgctg	180
catctacctt	cgacgaggac	ggcatctctg	tgcggtttat	gaactccatg	gaaagaggtg	240
acggcatccg	caatgccgat	gatgtcaaca	tgttggtctc	acgtgtccgt	ttccaaggct	300
tgacgcgcgt	ggggacaggt	ctgaagaata	aggttctgga	tcctcaggte	gtgggacctg	360
cccgggcagg	ccgcttacag	aagccggtac	tgatcattac	cattacggac	gggcagccag	420
ctggtgaacc	ccttgactgc	gtggctaact	cgattcccta	tgctgttgac	gaagtatcgc	480
ggaactccatt	tgggcgaagt	gctgtttctt	tccagttctc	gcaggtgggc	aatgatttca	540
aaggaagtga	attcctatcc	aagttggacg	aagacccaan	cattgggaat	ctgattgact	600
gcacttcaaa	ttccagggtc	gaccaagaca	agatgt			636

<210> 6176

<211> 672

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(672)

<223> n = A,T,C or G

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<400> 6176
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cgacccggca gaagccgtca gccgcataac gcaaaacccg tcccacattg aaaaggctcg      120
caaaggcgag gctgagcagc aagttctcca gcccgcgagc gcccgattc ctcaccccca      180
ccttgctcgc cagcagcgt tccgtcagtc taggccaaact gaataccgcg agatcttcaa      240
ggcatacaac gaacgtctcc gtcaggagga aaccgcagaa aaggagcgga agcgctcgc      300
caaggagcgt caagatcagc aactaacaaa ggtccagccc gagtcttcgc gcttcgaatt      360
ccgctttaag gacgtcgtcg tcagcaagga gacaaccggc acagacggtc gtggctccaa      420
ggcccccggt ctcagatacg gtgtccctag ctacgagcgg aagaaggggc aggttaagat      480
ccccacgcgt gtggagggtc aagggtccgg ttatcaccgc tagtcgggat actcttcggg      540
tctctgtctc tataacaata cctcttatct ttcttacgtt cttggatttc tatgctctc      600
tgtacaaata tggatgtgat gggtcagcgt tcgcttgtag tataattgaa tcgaattgac      660
gtcgtnaaga ct                                     672
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<210> 6177

<211> 702

<212> DNA

<213> *Aspergillus oryzae*

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<400> 6177
cggcacgagg ctgtctctcg tctgcaactgt gcttggcctt ctctgtcaat ctcataccca      60
acctgaacat cttcatctgg atcgatctat ccataactgt gaaatcgcta ttctcgtctt      120
cttctctctg tcttctctt tatagtcatt cgttgaaatt cattatctta cgaacgcctc      180
acgatggttc tcttgagttc cttggccgct gttgccactg tagcaagtct cgctacatgc      240
cagaacacta gcactatcga cccaagcact gtttttagatt cgacgagaaa gcaatgggtgc      300
gaatcgcaaa cctcagcttg tctctctatc tgtctgcaac tgccaggggc ttccgggcgc      360
cccaaggaga acaaatgcga cttcaaatcc cttgtatact cgtgtatctg cagcaacaac      420
cagtcctcca acgcattcga atactcccag acaatcccct actttgagtg cacagagaaa      480
aacaaccaat gcgttaaaaa ctgcgacggt gaacaacagt gccagtatga ctgccgtctc      540
aagaaccctt gtggtgctca ggacccccaa cgtgtcaaca ctaccacttc tgcaactacc      600
agcaccgctc aagcgaccac ttcgctgcct cctttcactg gcgtccctga caagaatggg      660
gtcgctctca ggccatcggc agatctgaat catatctacg gt                                     702
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<210> 6178

<211> 516

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(516)

<223> n = A,T,C or G

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ggcgctctc gtcctacgga agagtccct gcttctccag ccaccaacgg tgtcacagcc      120
acggccaccg aacaagctac acagccgtcg tccactgttt caacgcagtc gaaccagacc      180
actcttgcg ctacgagtag cctctgtca cagttcagcc gatccgcttc cttctctgc      240
tggcagatgg ccgtgcgcaa ccgtcgaag aatgcacccc catctactcc tacttctct      300
acgggggata actctaccaa gcttgccgac gagcaaacctg ctccggccag ctaagacctt      360
cgccgcttct ttcattgctc tcattgtagat ttcttcatct ttacttttct actgggtttt      420
cttctcctac ctgtgattgt attcactatg gagataatga tttgggtgtc gcattgggaa      480
annaannnnn nnnnnnnnnn nnnnaaannn ttctct                                     516
```

<210> 6179

<211> 686

<212> DNA

<213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(686)
 <223> n = A,T,C or G

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<400> 6179
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ctggctctgc tgccaagcct gcgcccccca aaccaccccc agctcctggt gaaatgccag      120
aagaaaagga ggagaacaag atcttcacgg tcaaagggct tggtagggcc cgcaaacgga      180
agagcgaaga agctccgctc ccagaggggtg acgattctag cgatgtgata cacatcgggg      240
agaaaccgtc taagaaacaa cgccggaagg aaaagaagaa caaatccgcg tcgcagactc      300
cacagcccga ggagaagaag gaagaagctg agccctttaa ttatgaggcc gctgactccg      360
tcttacacgc acagncagcc cagaccgcca cacttcacaa gaaacggcca ttcaacccat      420
acaagaaggc gcttgaggca ccagtgagg tgcgcaagca gaagcgtgag acccccggca      480
agtcattcac ttacagggtg ttacattaga aatagatctc tttgtctggt cttatgtaca      540
agagattggg tgcgctggta caaaatgttt tgagtacata acgataccgg attaatlgga      600
gaagtaacga atcgaaggca ttcattatag tentcgnnnn nnnnnnnnnn nnnnnnnnnn      660
nnnnnnnnnn naaaattcct geggen                                     686
```

<210> 6180
 <211> 306
 <212> DNA
 <213> *Aspergillus oryzae*

```
<400> 6180
ccctaccttt ccaccagaaa ccaaaaaaag ggagaaaaag aagaaaaaga aagaggcaaa      60
atggccttcc gcaacgggtc cttcgcgacc tttctcatcg tctgcccac ggcttcttc      120
ctgggaatca tcttctccct cctcccctac gactacccaa ttctctggtc caaccacccc      180
accccaccca cccactacga ctacttcgaa gccacctcc gcttctgca cgcctcgccc      240
ccctaatecc ccgcatacct ccacatcgtc atcttctcgc gctactcgg cctaatectc      300
aagtc                                             306
```

<210> 6181
 <211> 689
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(689)
 <223> n = A,T,C or G

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<400> 6181
cgcacatctg gagtcacgac caactctccc ggetttactt cgtcggteet gtcgttcaact      60
tcttcttcnc ctctgtcac ggggtcatcg tctttcgta cgactactac tactctcgt      120
tctccactt ccactctac ttcaacctct ctacctcgt ttactagcac actcgtttct      180
gtcagcactc ccgtgagtggt ctccagcaca atgggtccaa ttccttctcc ttcggcgagt      240
aacaatecct ccggaacaac ttccgggttc ggcaatggca atgggaatgt cgcgggtaac      300
atcttggtga ttgccaaggq caccgctggt ggaatgtgg ctacctcgg gctcaatggg      360
tatgggattc cctttacacc ctgcccgttc ggaatctggg gttactccgg caaaacttta      420
atggaaactc cgggggggaaa ttttgggggg gtccgcgggt tctgaaccga ggtcaagtat      480
gagtaatagg ggccaaaagg gtccaaaagg gcggcctggg taacggggca acaggggatc      540
ataatectca ggccgcataa acacctcgta caagtgggtt cccctgggtg gaatattaag      600
attgttgccc ggggggacaca aaaagggggc ccgcccgtg qgggggggtt gttgttgatc      660
accggggggg gaaaacattt tctttttttt                                     689
```

<210> 6182
 <211> 678
 <212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(678)

<223> n = A,T,C or G

<400> 6182

ctgaatcttc	caaatacaat	tcttccaact	cgccaaaatg	cagcccagcg	ccaacatgat	60
ccaccccgaa	ggccccgtgg	tcattctccat	cccggagagt	gcaaagatcc	acatcgtcgg	120
caagacaaac	gcagacttcc	gccaaaaggg	caccgctcag	gagattggca	aagacaagta	180
catattcgaa	ggcagcgggt	aaggcaagct	catgaccctt	gcgggaggaa	acgagagcgt	240
cgaccttgag	cctatcaagg	gcactggatt	cgcacatgg	aaaatcgact	tccagaactc	300
cagttccggc	gcagaggact	cctttagaat	gtcgaaagtg	ctgcgtccag	tctacaacac	360
cgtttacgat	gagaactaca	aggttcgaaa	aatggagtgg	gagattgcga	gtgaagataa	420
cattgatgat	gattacaaag	atgggatcat	cactgtcagc	gccgacattt	gagtggcttc	480
aatttgggtt	tggcgaagct	ttaaggacat	accgattgaa	ctctagagtg	ttggactttc	540
ttgtctctag	cattcggtca	tccagtgagc	ttgcctccat	atggctntcc	tggatgaaac	600
gcttctgagg	gtagcgtttg	tggatatgac	gtgatgtcaa	atacatactc	aatgatatat	660
accantgccc	cttactat					678

<210> 6183

<211> 718

<212> DNA

<213> *Aspergillus oryzae*

<400> 6183

ctcagctgag	gcccgtcttg	actggctcgga	ttaacgttca	ttttgaaaat	gtttttgcag	60
tctgtcttag	cgtgtctcc	ggcgtgccc	tctctttcga	ccgctgcacg	actctttgca	120
accactacg	atggcaacgt	atactctctc	aacttggagg	agaaggcgga	ttaattctcg	180
ctcacgaaga	cccacaattt	gaccacatgc	ggcgtgccc	gctcgacgag	tgcgtgaca	240
gtagactctg	cccgcgggct	cgtatggtgc	gttgggggaag	gcactcccgg	tgcattaacc	300
gccttgaagg	tctggaaaga	cggaagatg	ttcgaggaag	tctgacgggt	agagacacct	360
cctggcggag	tggacagtgt	cacatacggg	atagataaac	agttcctcgc	gatagcgcct	420
tatggcaact	cctccatctc	actcttcaac	atcccccttg	cggacaagca	gcaagtgaag	480
cccttcgacg	tgggtgaagtt	gcccccgccc	aaaaatgtca	ccgaaaaaca	gcccgaagtcg	540
caaccccac	aagtccttct	cgaccccacc	gaatcgttca	tctgtcgcgc	tgatctggga	600
tccgatgtga	tgcacgtggt	gcgattgacc	acaagtcggg	ttaactaaac	aagtgcgggt	660
ccaactcgac	gatctactat	gataagggga	agcggggccac	gtcatggagt	gtttgtga	718

<210> 6184

<211> 738

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 6184

gcctagggat	ggttcttctc	cgccgacaag	cgactcccaa	gttccaggtg	ttatgactcg	60
ggaaacactc	aacgggtcaa	acaaccgtgg	aatgccaaact	gccaaagccg	ctaattggagt	120
ctccaaacaac	ccctctccta	aggttccatc	gggtgtacaat	atcagacagt	ccgcacatc	180
acatgattcc	tccaattctt	gttctccatc	atctctcatc	gactcacacc	aaagtcagat	240
gcgtgtcttc	aattggcaca	cgccgggaac	gtcatcaaat	tcgactgata	cgaagcttaa	300
tgacagtgtt	caaaatcacc	atgcttgtac	ctatagcacc	attgatggtg	aggcctcctt	360
ctgcgcacaa	ctcggcatgg	cgtgcggcaa	tatcaataac	cctattccag	ctgtgagagg	420
caaaagcgag	agcgtgtcga	ataccccag	ccaacccaac	aacaactacg	aacaaacacc	480
cggacctgga	ctggaacctt	tggcgcagca	gaatgggggt	cagttcgatc	cagtgtctgt	540

cggagactgg	cgagaacctc	aagatgcaat	lllgtegcag	gacttcggta	ccttctttga	600
cgatgccttc	cccttgccgg	atctgggaag	tecatctcac	aattttaatg	aggtggctaa	660
ccgcagcca	ccgaagaagg	atttgattgc	tgaaatcgac	aacanattgg	atgaagaggt	720
ggttgccctg	gaggacaa					738

<210> 6185

<211> 1345

<212> DNA

<213> *Aspergillus oryzae*

<400> 6185

ggggttgact	tcccttactc	ttaacatttt	tattccccc	tatactatca	gtctatagct	60
cctcactccc	ctcttgatcc	tctctcccat	atctctttct	agtcctttac	ccctccaata	120
tgctccgcaa	gtcgattctc	gaggctgatg	gcaaggccat	cctcaactac	cactcactc	180
gtgcccccg	catcaagccg	actcctcttc	ctccttcttc	cactcacaac	cctcccgcctc	240
gtctcgcttc	tctctacttc	cctgaagacc	gtgcggtcaa	ggatgtcttc	gaccaggccg	300
aggtgacctc	cccggtggctg	ttggcctccg	gtgctaaagt	cggttgctaa	cccgacccat	360
tgatcaagag	gcgtggcaag	agcggctctc	tcgctctgaa	caagacctgg	gctgaggcta	420
gagaatggat	tgaggctcgc	gcgcctaagg	acgtccaggt	tgaaaccgctc	actggcgttt	480
tccgtcagtt	cctgggtgaa	gcctttcggt	ccccaccctc	aggaaactga	gtactacatc	540
aacattcact	ccgtgcgtaa	gggtgactgg	atcctcttta	cccacgaaag	tggtgtcaat	600
gttgccgatg	ttgaagccca	agggccagaaa	cttcttattt	cttgtcaacc	cggagaacta	660
ccctctgaat	gaggagatcg	ctgccactct	cttgaagaag	gtgcccagcg	gtgtccacaa	720
tgctctcggt	gacttcactc	ctcgctctgta	cgccgtctat	gtcgactgcc	agttcaccta	780
cctcgagatc	aacctctctg	tggtcatccc	taacgctgat	gccacctccg	ctgagggtcca	840
cttctctggat	ttggttgcca	agctggacca	gaccgctgag	ttcgagtgcg	gcaccaagtg	900
ggctattgcc	cgtagccccg	ccaacctggg	tattgcccgt	gctcctcagg	agggcaaggt	960
caacattgac	gctggccccg	ccatggagtt	ccccgctcct	ttcgcccggtg	agatgagcaa	1020
ggaagagaag	ttcatcgctg	agttggatgc	caagaccggt	gcctctctca	agctcaccgt	1080
cctcaacccc	aaggggccgtg	tctggacctc	gggttgcgtg	gggtgggtgct	ccgtcgtgta	1140
cgccgatgct	attgcctccg	ctggcttcgt	cagtgaagtc	gccaaactacg	gtgagtactc	1200
cgggtgctcc	accgagactc	agacctacaa	ctacgctcac	accgtcctgg	acctgatgct	1260
acgtgctcct	attcaccocg	acggcaaggt	tctcttcatt	gggtggtggta	atggcaaact	1320
caacaacggt	gcttcgacct	tcagg				1345

<210> 6186

<211> 707

<212> DNA

<213> *Aspergillus oryzae*

<400> 6186

gtcaatacga	gggtcaggcc	aacaagtagc	tggtccaaca	gtcgatcatg	caaaacgagg	50
tcatttttcag	cggagaaggc	ctcagcttgc	tcaatgtcga	ccgaatctac	acattcaaac	120
ggcggtctgtg	catcctttcc	aaccaaggca	aaaatcccga	agcgtcctgc	gtcacatcct	180
gggtgcagct	cctgcacgcg	actattgggg	attttcaggg	tcgcccgttc	agtaaagcat	240
tcttccacccg	cgtatatgaa	cagctcgacg	tgccggacga	actcctgacc	cacatcgccc	300
aaacttataa	gaagcagttc	ggtcagggaag	ggatcatcct	gcgcgcgcgc	gcgcgggcag	360
agcacagcag	ccggaactcc	ccgaagcgca	ccgttcgggc	gcgcgatggag	gccaatccgc	420
cgagatatag	ggctgctccg	gctaagccgg	gacccaagac	cccacagttc	gctttctgatg	480
ttaccccgat	taagaggaac	gagtgggaac	tctcgaattc	taatttgagag	cagactaagc	540
cctccgctcac	taaattggag	cccgctcgccg	actgtttctc	ccgbcgcttg	atctatgaag	600
tagacagcta	gatgtcgacc	ggcatcgcat	gcttaatcct	tactttccta	tcaccaagtt	660
gacagattac	cgagcgtgct	gcttcgttgc	ggctagaaca	ttccaaag		707

<210> 6187

<211> 604

<212> DNA

<213> *Aspergillus oryzae*

<400> 6187

cgagtgaagc	ttttcggtat	cagtgatagc	tgttggttagc	gatggcgaga	cgtacacgcc	60
ctttgtttca	caaagacgag	atgtgctgcg	gacgggtgat	gggcagattc	cgatgcagga	120
ctgatcgcaa	cggtaataga	catcggtatt	accgcttctg	tagtggatgc	aaatggcttt	180
gtgcagatga	ttgggaagga	tggcgacaca	acaaccctcg	ttgtaggtgt	ggtgagcgta	240
gtcggaaaca	acatgagcgg	tcggtgaagc	atttcaetta	tcgatgtctt	cgggagcggg	300
gcagataccg	gggataagag	gggtctatac	agctgggttg	tgttgctgct	attgggaagt	360
ggcatgagtg	acgaggtgga	gaaagggttc	ccacggtatg	gaacaggatg	gtaggtatgc	420
catacagtga	ttccatgttt	ttgtcctgtg	tgccattgcg	cttgtcaatg	ctgggggttg	480
cttttatagc	aagggaaaca	gaaggtggag	gggaggggtc	atattgataa	attgctgggt	540
gtgcttggtt	ctcaatttta	gtggatgctt	catctactta	gctgcataat	gtatttcgca	600
cagc						604

<210> 6188

<211> 696

<212> DNA

<213> *Aspergillus oryzae*

<400> 6188

cgatcacagt	ccccattct	aatccaacct	cagatccaag	tgccggtatg	tcggagaagg	60
atagtagcgg	ctcagggtta	agtggaggcg	caattgctgg	cgtgggtgtc	ggctcgattg	120
gcggcttggc	tgtattata	gccatcttct	tcttgatatt	cttcaagaaa	cgtcagcagc	180
gttcaacaag	cccaagtcg	agcgtctcca	atggcttgct	agatggtagg	aacagcaaa	240
gttctcagat	gagcgtcgcg	aaccgagcgt	tctcggaaca	ccacagccat	acgttatctg	300
ccggatcctc	aagattacca	acgtttaacc	atactcgctt	gaagacggat	actgtactgt	360
tcgcaggcgg	ccgtcgtgac	agtgaactgt	cactccagga	caacgaagac	tattctcggc	420
cagttcttcg	gcttacgaat	ccgactgat	ccgttccaac	aagagattct	ggcttctttc	480
ttttgtcttc	cctttttcgt	tggcaactcg	attgtgcgtt	cggcgattat	agcggcttat	540
gatacccatt	ttcacatata	ccatctacgg	gatccggggac	ttgacagctc	ggactcctcg	600
ggcgcgttcat	gcttggaggg	gcttaacggg	ctcccgtag	tgcattgggtt	tataattctc	660
gcatggaaa	caaccagaac	gctatgaatg	tcatat			696

<210> 6189

<211> 695

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(695)

<223> n = A,T,C or G

<400> 6189

gaataataaa	cggcctcttt	ttaattggcc	acagtaacac	accataaaga	ggaaaattcc	60
aacactatac	cataaaccca	acattcaaac	cgtcacaatg	gctacaggcc	cctcgccctt	120
ccccccaaca	ttcattctca	attcgaagtc	catctcccaa	tcagcggcgc	atgactttct	180
cgctgcctac	atcgacctcg	ccgtacacga	ccccgcatac	caacccaacg	ccggaatcag	240
cgagcatggc	ccggtttcgc	gtaccacagc	cgctgcgcct	aacctcacga	tacacaactt	300
gaagcgcgtg	aaggccggcc	tggcggggcg	ggtcctagga	cgcgatttgg	cgctcgctaa	360
gctggaagag	ggagatgcgc	agcaacagca	gcaagtgggg	gcgaatggag	actgggagga	420
tgcgaagaag	ttccaggagg	gtgagaatgg	cgatgcgcgt	caagagagga	acgatgcgca	480
ngggcagatg	gaggtagacg	atgcggaaca	ggatgctggt	gctcttgata	aggaggaaag	540
gaagcgggaag	aagaaagaga	ggagattggc	agagaagaag	gcgaaagcga	aggctgagac	600
tcaagccgaa	gagtaaatcc	ggcggcaaa	ggaaagacag	tgagtaaaaa	atagaaaaag	660
aaaaggcttg	tatggnctca	tgatttgaag	gattg			695

<210> 6190

<211> 929

<212> DNA

<213> *Aspergillus oryzae*

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<400> 6190
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gatacatcgc tgcateccgt cattctatga actcgccatc accttgcatc attcgaccgc 180
ctgtcccggg tacagtgtca togacatccc tgcagcatgt cccgccaag tctcagtatt 240
ggaagtgact cctgcgaag ttgtctagcg ccccgatgac aatcgtccga ctccggatcc 300
gacatctgtt acgacacagc cctgccaccc atcaattcca agcagttgat tctcaactct 360
cgatcgtgcc gcggtccga tccgtccatc gtggtaggaa gttttcgtgg aaacccaaaa 420
gccgcagcag cctcgggttt cgcgccggac atgtcgagca tgacgcgggg gcccaatgcc 480
catcgccgga ccggaagcac cttgaaaacc gtcattgagaa aaatattcac ccgcaaagca 540
cgggggtcagg cggacgggtt tgaggagggt tctccggact ttcgggtcaa caattcccag 600
gaatcgcggc cagagaagga cacaacgaat tacgcgcgcg tctcgaattc attgaaatca 660
aaatacagca acccgccccg ggacgagctc aaagatccga aagcttttga agatacatca 720
ttaaagctcg aaatgaggcc accccgaacc cgcgcagcca cgttgcccag cttaatcttc 780
tcggaagatg accagtcccg tgatgccctg gatgcgttga ttcattcaga cccgcgcgac 840
agtgcgaagt aaaacccccc gcctcggcga acatgatgaa ctgacagggc cgagcttctc 900
gcgcagctag ggaacgctct acggagtgc 929

```

```

<210> 6191
<211> 711
<212> DNA
<213> Aspergillus oryzae

```

```

<220>
<221> misc_feature
<222> (1)...(711)
<223> n = A,T,C or G

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<400> 6191
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aggggtgtcag acacggttga aaggaacaat gtagacgcga cacaaaaacc tatgagtga 120
accatctttc ctgtggcaaa tggtcaggat ctccgggccc tagggtagct ttcggatagc 180
ttgagtgcgc caaaagagag cattggtaat gctgattccc atgtcatctc gaaaactcca 240
catgggggta catccgcca gatggaggat gccctacggc tcatccctgc gaaaccttac 300
acagatatat tagtgcagca ttttctcaat gaaacgaact atcagtacta cagtatatac 360
cccccaacat tctcccgatga ttactctaca tgggtggttg gcaaggtaaa ggggcagccg 420
ttgactgctg agttcacatg tcttttgta cgtgtctgtg catgttctgc tcttgcctt 480
tttccagggg agcgacagaa actagaatct gaattaggag aaaatattca aagcctttca 540
gagcgttacc accatgctgc caggcgacta agcagcacta tccctccagg gaaagggggc 600
ctgacacagg tccggcaact attcctcacg ggctcgtggt tcaagaccga ggctctgnnt 660
cgtgagtcgt ggcattgctt taactctgcc atccacgaag cccaagaact a 711

```

```

<210> 6192
<211> 522
<212> DNA
<213> Aspergillus oryzae

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<400> 6192
gtgcctacc tgggtccat cccggctgat taccgcgcca cccagcaagc ccggtttgat 60
aagcttgccc acctcgacct gaggcaacatc aagatcgctg cactgcccac gcccgctgag 120
ccacagccag tggccgagga gccagtcgct agacctccac caactacctc cgtagccgtc 180
tcgatctccc tggctactgt cctgtccgtc cagaagaaga tccaagagac tttgggtggt 240
aacgtacctc ttgcgacatt cctcgcccggt gctaccgacc tggccaacga cgacctccc 300
cgttcgtctc gcgagaagca gtccgccgac gagctgttgc atgaggttct cggcgcaaaag 360
ccatcccaaga catcccgggg cgattacggt cctgagttga acgtagttga ggcccccctc 420
gacgttcagg cggccaagcc tgttaaggaa gacatcatcg atattctcag cggcaagggtc 480
ttcaaaagctt gtcccccgcc cttgggggtg gaggtccggc cg 522

```

```

<210> 6193
<211> 584

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<212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(584)
 <223> n = A,T,C or G

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<400> 6193
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gatttgtggt cctgttttag ctctgttaga ccaatctgcc ctgcagcagg ccgttgatgg      120
tgtacgaatg cggatcaga cgtccagaa gcagcaagct gcgcagcctc ctccaccggc      180
aacgggtgaa gaagaagacg atgactatga gcccgaaat caacccatgg acgtgcccga      240
acaggcggca gaggaggaag acgcactgtc ggctgaaccg gccgatcttc agcccgactt      300
ggtgtcactc ggtccttttg tgctcccaca accttcccca ctatcagaaa atgaggctgc      360
agagatcggc cgaagtgcgc tgggaagagt gtttgacatg cttgcacaga gccgtgtggc      420
gccaaatact gganaaggaa agagccagca acacctaggt ttctcgaggc tggctggcag      480
cacctttgat cgggacgct gngtaacact actcacnaga ctgcgcagc gggcgccctgc      540
tggttagagg tagaccacaa gaagaccgat caagaccgct cggtt      584
```

<210> 6194
 <211> 520
 <212> DNA
 <213> Aspergillus oryzae

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<400> 6194
gatgactatt tccatccaat ggatactttg ccgatcccat caatcgatcc ggatcaagtg      60
gacatgttga gtatcacatc gagacggacg aagaaatcag cccccagtgc cagccagctt      120
cgtaagaacc cggaaatcac tttgaacaat ggtggtggtg gcaggccccg gtcgtccttt      180
agccgatact tcagaggaag gaaacgtacc agcgatcgca tcatgcagga aatccctggc      240
cttcacgatt ctctcatgga caatcctatg atggcgctact catcgatcg atatggagcg      300
gtcgacagaa accacattca ggccggggtcg cgtgctaact cgtgacggc cagccgaatg      360
ggtgactatc caccacatcc ttaccagacc agtaggagga acagccagtc tccggcgact      420
cctccctacg gtccgcctgg cctcgaatg ggccgaccag gaacatctca agatccaagc      480
ctatggccaa cggaccggcc cccggggggg ccaacctttc      520
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<210> 6195
 <211> 658
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(658)
 <223> n = A,T,C or G

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<400> 6195
aatgatateg acaggcgggc tcacgagcat ctccgaaat gcttgacata tttgatgttt      60
gatgcattcc agaagccatg ccgaagccga cattccctta gaaggcgtct gaaggagtcc      120
ccactgttaa actatgcctc tatgaacctg gacagatatt gtggcttaca ggccctgct      180
ggtttcgtgc tcgggaactc tgaattggac gagataatgg atttctttgc aacatgtgct      240
ctacacagtg gcggttaact taggtcctgg gtccaggtec tgatccctga ggctgctacc      300
gaagaagctt ggtcaacaga gccattgtac tatgcggctt catttggaat gacgtcgtc      360
gtggaaaggg ttatcaaaaag cggcatcaat ttggactccc ctgggtggccg tcacgatgct      420
actgccctta caqtgcgctc atacagaggc cagctcgcag tggtaagat gctacttgaq      480
gcaagtgcag atccgaactt gaagattgca tgggatacag gtctcggtgg gcaaaagaaa      540
aggcaccgca aggtgaacgc tttatggcat ttgtcgttaag tcatttgaac aatcaagtac      600
tcggttagaa ttgacacagg ccgtaccaac aggaactcag gtcataaaaag gcttatta      658
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<210> 6196

<211> 690
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(690)
 <223> n = A,T,C or G

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<400> 6196
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catcacggag caatcgtgca tcttgggatg ttccgagagg cccatccaac ctgcggaggt     180
ctatggacat aaaccgtcct tctgttgatc agggttacat tgccatggat gttgatttgg     240
cggaacacac gctgtgggtgg gcgcaaccga ataatcctcc tctgccttc caaaacagga     300
aagatgttct gttcgaattt gaagattccg gccctgcaaa tcgtagcggg agtagcacgg     360
ttaccaaaga agtctatatt ctattcctcg actactctca aactataatc accgtgaact     420
tcgatgctcg gaatccttcc gatgcgactc tggagcaacg ccatgaagct ncccccttc     480
aacctcgcca ggaccaactc gaaaatgcac atctccaaat cggaaccgcg atcgccactg     540
ctgtgaacgg catncaaaat acaactgttg cagatggcac tccgattcgt gctattgaag     600
acctgtctag gccattaca gatgccctac aactgtccg gacacgtgcc taccgtgctt     660
tagttattcc aatctggcaa cccctcccg      690
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<210> 6197
 <211> 739
 <212> DNA
 <213> *Aspergillus oryzae*

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ctgtacaggg tgcctggcgc actggaattg cgggcgggtgc cccgcgcct ccatctgcca     180
tcactgcgcg cgaggccgct gctcgtgaac gtgaagatcg tccgcctct gcaatgaagc     240
gtggcccgca gtgggaagcc gagtccgcac cggttaagaa gatcgccaat gaggaaagcc     300
gtgctcgtct cgatgaacag ctctcctcgtc gtgtcactcc cccaaaccgc atgccttccc     360
ccggcgagat gcagcgtcgt agctcgtctg aagttcggcg cgaagacca cgtcgtatca     420
atgaaagtta tcactcctcc gaggcggctc atcaccctcc gacgctgcca tccattcagc     480
acatgccacc acacgcctct ggctctgggtc ttctccaat ggctgaaggg tctactcccg     540
cagccaacgg tccacagccc ggacctctg ctctgtgca ggttaaggaa gagccggccc     600
ggggcgagca acctccggct catgaaccag ctgcacggaa gatggacgtg gatgagaact     660
atgatgacga tgggtgatgat gattaaagag ccagcactgc tgtaaagggc agcccatctg     720
ccaccggatc gggcaatgc      739
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<210> 6198
 <211> 671
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(671)
 <223> n = A,T,C or G

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atcacaatgt ctgacaaagg tgettccact ctcaagtcct acgtcgactc tgcgctggc     120
atggctcaga gcgctgtcgg tgccgtgact ggcaactccg ctactaaggc cgaaggcgat     180
gactcccagc aaaaggccgc cgccgaacac gatgccagcc acaccaccgc caagctaggc     240
cccttctctg ccgaccccaa cactggcgcg acagccaagg accgtgagca gcgctccacc     300
ggcgccctggg atcagactgt cggctccgcg aaggagtctc tgggaaacct catcggtaac     360
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gagaacctgc	gcaagcaggg	cgaagaccag	aacctgcgtg	gcaaggggtgc	cgaagctgag	420
ggacagctga	aggatttttg	tgagggcgct	gccgatcgtc	tgcaggggtg	tcttgaaaag	480
gcgctgctgc	tgctactggg	gatcgccagc	aggaggcgaa	gtggactcag	attcttgatg	540
aaggcaaggg	taaccanagg	ggggctgaac	ttggattgca	aaaccatgct	tagaatggac	600
tttaccgtca	atatttttga	tacccttgca	actgggatga	atataatggg	ttacggaatt	660
gatgggtttg	g					671

<210> 6199
 <211> 712
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(712)
 <223> n = A,T,C or G

<400> 6199						
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agagctctgt	ccctgtcggg	cttctcgctg	ttcgtttgca	cagtaactct	tgctgaactc	180
accaacaaca	aacaagcccc	aagcgcaact	ccgccccaat	gtattctcgc	aaccagggtc	240
tagcagctct	tgccaccgtc	ggcatcacat	cgggtgaacgc	cgccatgggt	cccgcactta	300
gtactggccc	tgttgcgtcc	aactcgttca	tccgcgaagc	tacttcgacc	cttatcctgc	360
caaaaggacc	cagcggagga	tctacggacg	ccatcacctc	cctatgggtg	ggtatgggca	420
cctcgaacgg	tgacttgatc	cagtcatttg	ccgacaattg	gcaacagagt	gactggacga	480
tgtatgccta	cacgctcatg	aagaccagcg	acacctcaca	gatgccaat	tatgggtgatg	540
gccangagaa	tgctggcgag	ggggacaagg	tgacgatgca	ctacaaattc	gacgatgccc	600
agtggaaact	cacacagacc	gtncaaaatca	acggcgagac	tgtctcgacg	ctcttcaaca	660
atgatgggca	ggctcanggg	ctggggcaact	tttgttgaat	gtcccagaaa	ca	712

<210> 6200
 <211> 622
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6200						
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catattcgag	gaactccgcc	tcaacgaccg	gctgaagttt	ttgtggta	ctggagtgc	180
tacgctcttc	acagcaatga	ttcaagtctg	ggtggaactt	cgattctcaa	atcctgtcct	240
cgcaatcaac	gccttgcgcc	gcttcgactc	ggcctcatat	tctctccgtg	aacttgcgga	300
gtattgggtc	caagcccaaca	ccatcttaag	gttatttcaa	gactctaaac	gactccagga	360
ggacttgoga	atggctacca	gcgaaagacc	aagacgattc	agcacacatg	atcaaaaata	420
aaacacaact	aatccctcta	atcctcatcc	cacccccacc	ccgaatctca	attcaaatat	480
caatatacag	agcgcccgaga	ccgagcccg	acctccatac	gaagtctcta	cccttgatc	540
tccgctatg	cccccaacca	ccatgagtc	acatcagaac	cagccattcg	acagctggat	600
ccgctctagc	catctggctt	cc				622

<210> 6201
 <211> 817
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(817)
 <223> n = A,T,C or G

<400> 6201

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aagtctttct	ctcctttttac	agtctttttt	cttttctgtg	gtcttcaaga	tgcccgtac	120
cgcgtcccg	gcccgttcttc	ggcaatcgca	gttccgtgacc	cggaggaccg	ctgtcagata	180
cgcctcctcc	accccggagt	ctgctcagaa	ggctagcgag	gctgcaccc	ctgctgcctc	240
caaggcatct	gaaggctctct	ctcgtgtcac	atccaccgct	ggccccgctc	tttccaatgc	300
cgcgccaggc	gtcggcagtg	ctctgaggaa	ggttgggtga	aggaccggaa	aagtcacgc	360
tttcgtcgat	tctatgatac	cccctaccct	ctactacgga	aaggctcggc	ttgaactcgc	420
caagctcggt	ttcgtggac	agaacatgac	tcctcccaac	ctggctacct	tccagtcctt	480
ctaccagcct	ctgatcaacg	ctttccgcag	ccctgccgcc	cttaagaacg	ccaacttcgt	540
ctctcccggg	gacatcgccg	cccgtgtccg	caatgccagc	cctaaggaa	tcgcccgtgg	600
cgggtgttact	ctcgcggagg	ttatcggatt	ctttaccggt	ggtgagatga	tcggtagaat	660
gaacattgtc	ggctacaggg	gccaccctga	gcaccaacgga	gaccactaga	tcaccgcgaa	720
gcactaatgc	atggcctgtg	ctttttatat	ttccttttat	cactgcgttc	tgtactattg	780
tatgatagac	gatggaantt	aactgttgct	tgaggta			817

<210> 6202

<211> 669

<212> DNA

<213> *Aspergillus oryzae*

<400> 6202

gaaaaaagaa	aagaagcata	caacatggaa	gtttgacgat	ctagcaatgc	aaccgaatca	60
tccaccgggg	gcgaaaagca	cattgaacat	gggttgacag	cgacctcacc	accgatgcc	120
tgctgaatgc	cggattacgt	ggtatgagcc	ggattcgaat	gtgctattct	gccccctttc	180
tttttaggcgc	tcgttgccca	ttgctgtccg	ggcaccggcc	tatcaattgc	tttgttccta	240
tygctgggat	cacaccatat	actactcacc	accaggacct	aaaacttttc	acacctggag	300
caaattggccc	tatcagagac	caaattccca	cgggtaatat	atgacctctg	ggttgaaagg	360
gcgcgccgtg	ccctgggtgga	gcgcactgtc	cgttaccctt	tttcagacct	aattccatac	420
agggcggaag	gaaacagctc	ctttatatcc	cgtggaacat	aactgcgatg	attctgggtg	480
gtgactatct	ttggttctgc	aatccgctcc	gatatgcaaa	ctgcagcttg	ctgtcacctg	540
gagatgtacc	tgaaagcttc	gtattgggtg	agggtcgggc	ccatcatttc	tatcatacat	600
gtgtatgtgg	gcttttaatt	cgatcctgca	gataaaactaa	ttgctggctg	ttcaactgcc	660
aatgcaact						669

<210> 6203

<211> 682

<212> DNA

<213> *Aspergillus oryzae*

<400> 6203

gagaactctca	aatatccacc	ctttaactgtt	tatcgccagc	cacctgatcg	acaatgtcca	60
cttccactcc	cacactgact	gtctacgaca	tcctgatgcg	cgagcccgta	tcggagaacg	120
cctgttcccc	caaccacaaca	aaaaccgcgc	agactctaaa	cttcaagctc	gtccccctaca	180
aaacaacatg	gatcgacatg	ccagacatcg	ccaaaaccgc	caaatecgctg	ggtatccccg	240
caagccgcaa	attcgcgcac	gggagcgaat	tctacaccct	ccctgtactg	gttgacaccg	300
ccacaaactc	caaaatcggc	gactctttcg	atattgcggt	gtacatgcac	gagacgtacc	360
ccagtgtggg	cggagacctt	gttccctcacg	gtgtagagct	ggatttccgg	actagcaata	420
cgcacctgct	agttccgctt	tctgagctta	ttgaggttgc	gagacgggag	aggtacatcc	480
gctacctgaa	ttcaatacgc	atggtgaacc	ccggtttccc	gtccacacca	acctaaacgt	540
ttgggggtac	tgtttaaccc	gacactggga	agcctcaaa	gaggattttg	ttgggggggg	600
ggagccctct	tttgggggtt	ataatgtccc	cgtgaggaaa	aagggtgata	tgaatctttt	660
aaaaaacctc	ggggaatttc	cg				662

<210> 6204

<211> 479

<212> DNA

<213> *Aspergillus oryzae*

<400> 6204

tgatggccgc	tcactatag	gcgaatggtg	cacgcgcact	ggtggacacc	acagctcggt	60
------------	-----------	------------	------------	------------	------------	----

ttcttcgatg	tccacgccga	acgttgggaa	ctccgcggac	gatataggta	caccgtcgtc	120
cctcatgggt	caggaccttt	cagcagaaga	ccacatgctt	gcgtccctac	gtgttcgact	180
ccgagatctg	tctgccgagt	ttcggtcacg	gttgaatacg	ctcctgggcg	acctagcata	240
ccaaccagat	gtagacatgc	ggttccctcg	tgtagtaatg	aacttcaacg	acttctacga	300
accggtacga	aagcgaagga	cagcgacgag	ctctcgagac	aaggaaagac	tcgcgcgcaa	360
agcagcagag	gggaatgcac	aaaaggaaat	gaagaaagag	agaagagatc	caaccgggcc	420
agaaagcgcc	agtggctcag	gtgcccgaag	accataatgt	acttttcacc	tgaatggtg	479

<210> 6205

<211> 691

<212> DNA

<213> *Aspergillus oryzae*

<400> 6205

caactggctc	actcgggggc	tctacgctgg	ccaccgtcgc	gtcaacctga	acaccagat	60
tgatgatalg	lloctcgaaa	ctgatatact	ctaccccaat	ggaacgacct	tcggtattac	120
caccgctgat	atggatggta	tctcgagctg	gctcccgacc	atcaacggca	agatgaacgc	180
cygtagctca	tactttgttg	aggtcggaca	caacggtaac	ggtgtcatcg	aagccgctgc	240
cggcaaggat	gccgatgcct	gcaacggagg	tggcattgaa	tacgactcgc	ccgctgatac	300
tcctctggag	ttcaagaagc	ctctggggcac	cgggtactgac	ctttggccca	aggacctgac	360
cgagtacaac	tggactactg	agtgcaccaa	ggtggacgat	cttttcgctc	ggtggaccac	420
cccggtctaac	cgcgacaagt	atggtcacat	ctctcacact	ttcactcatg	aagagcagaa	480
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gagtggtttc	tatgatgcca	aatatttcac	aatccacggt	atcatccctt	ccgccattac	600
tgggttgca	aacggcgatg	cctttgcggc	ctggtacgaa	aacggattca	ccaactgtgt	660
tggtgataac	aatgcacaac	ggttctcaac	c			691

<210> 6206

<211> 637

<212> DNA

<213> *Aspergillus oryzae*

<400> 6206

ttattcattc	ttacgacttt	gcgacactac	ctatgtaaca	ggcgactgaa	gctattagaa	60
gaatcttggc	attgacggac	tttgtctggt	tccttcaagc	tctccctctt	caatactcca	120
ttgataggcg	gaggacagaa	gaattcaagc	actactctat	ttctttgcat	gaatattaca	180
ctgtcgcggt	agcgatattt	cccttggtat	tttgtctggc	ggaatctaaa	ctaacagttt	240
actgcgggac	aattaaaata	tgtccttcaa	gtcaaagaac	ctcgaatatg	aggcgaaaga	300
accagcattc	ttgcagcgac	ttcgaaaacca	atacggagat	acctccggtc	gccttgagcg	360
cccaattgct	cgacccccgaa	aactaaaaga	tgccgacgat	gatgatgaac	ctacttatgt	420
tgacgaagag	agcaacgaag	taatatccaa	agaagaatat	gaagctctcg	ttcgcgacag	480
caataaggaa	gtcgaggaca	caggaaaagg	agaaccagac	caggaacaac	ccacatcaca	540
agataaaggga	gaggataagg	caagtactgc	gcaagaagtg	cccatatcaa	aacagaacat	600
ggcagagata	ggaggacctt	agaagcgaaa	gcaggcgaa	gttattggcg	aagaagagcc	660
ttcagcagag	aaagaagaaa	cactgcg				687

<210> 6207

<211> 224

<212> DNA

<213> *Aspergillus oryzae*

<400> 6207

aagggaattt	gataccaaa	aggatgacaa	gcagcgctccg	aaggataaga	agaaagcggt	60
attcgactgt	gcgatatgca	tgcaggaaat	tgaggtgccc	gttctcgccc	cggccgggtg	120
tgtctgaggg	aggcagatga	cagatggagc	cacgaqtatc	cttaqccqtc	gggcgtatat	180
ggtcactcct	tgtcgacata	tctttccacg	cacatgctta	gaga		224

<210> 6208

<211> 674

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(674)

<223> n = A,T,C or G

<400> 6208

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cctggtagag	ctccagcttg	ctgggtgccc	ggatagcaca	gctaccagca	atacttctag	120
ctccaccaca	agtagagcaa	tgggcaccgc	gagcccgtca	gctgtacaaa	cagttgatgt	180
tgggtgaacat	ggcttcagct	tcgaccctga	tactcttaaa	gttgctccag	gcggcaaagt	240
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tcaccctatg	aatgatagca	gttttttctc	tggatttatt	gcgccaacta	ctgggtgaatc	360
ggacactgtc	ttcacgggtc	ctgtgaatga	cacaaaacct	atttggtatt	actgtggcca	420
ggtcgggtcat	tgccaggcgg	gtatgggttg	ggtgataaac	ccaccggcct	cgggctcaga	480
cacttttagag	gcattttaaat	cggcagcctc	gaatgcaaat	ggagacagcg	tgccatccaa	540
ggtccaaggt	ggtactctca	gtacatcgag	ccccaaatcc	tctctgacct	ctaccagtga	600
gacgagcact	cacagtagca	cagccaccac	gagcgcgtca	cccactacca	ccaatagccc	660
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<210> 6209

<211> 687

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(687)

<223> n = A,T,C or G

<400> 6209

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cggacgcaac	ctgcctgctg	aacgaggcta	caacaccacc	ggatccgaca	acccatacgt	180
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ttacggttcg	aacgttgcat	tgggtgccgc	tgccgctccc	gcaggccagc	tgacccccgg	300
tgggtccaat	cgtcccaaac	gcagtttatt	tgatagtccg	tatcagggtg	tgggagctat	360
ggatgcgggc	ccatatcaac	gacagtccgc	ctacagtgct	gcgggcgact	atccccctgt	420
cataaacctt	gatgagatcg	ccgatgatgg	ggatgatggc	ttcacgcctg	tcccgaatgg	480
caagtctgcg	aattctaata	caagagcaat	tccggcagcc	gccgctgggg	gagctgccgg	540
gggtgggtta	tttggtcttg	ttcaagtcca	agaaagccga	caatccgttc	tattggcctg	600
tggcangggc	aggattggga	ggttggaaaa	aagaaccgtg	ggtcaaacct	acacccccgg	660
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<210> 6210

<211> 524

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(524)

<223> n = A,T,C or G

<400> 6210

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gtccgctact	gcatggcggc	gatctttgtt	cggactcgga	gacgttgggc	ggcttcggaa	180
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tggttagtga	ggaggtctgt	cgggagcagt	atgaatatct	taagaccgac	aggttgtggg	300
aagagattat	ccccacaat	atgaaggaat	atgccagcgt	gtgccagact	ctgggagatg	360
gagcgccgga	gcttgaccat	gggagagtgc	atgaggaatt	ataggctacg	aatgtgtata	420
tatactcgat	ggacctttag	atattcctgg	acatgttgca	aacgatgttt	gatatcacgg	480
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<210> 6211

<211> 815

<212> DNA

<213> *Aspergillus oryzae*

<400> 6211

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cgtggaaacc	ccaccactaa	gggttctagg	tcgagggata	gccccgcgtc	agacgtacag	180
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gggcgcaaag	tgccgacggg	tcgcacagca	gtcggcagag	gaagccgtca	acgccgccgc	720
cgttctttag	ttctgaagtt	tcccagtggt	gtgctccttg	ttgatgtcta	gtgggaatta	780
tctctttggg	tttgcttggg	ttactgcttg	ggtgg			815

<210> 6212

<211> 685

<212> DNA

<213> *Aspergillus oryzae*

<400> 6212

gggttgactg	ttgatccctg	tcgcgatacg	cgtcggttga	cattaggggt	gcgtccctctg	60
ccgccagagg	atccgctcaga	caaccacagag	caacgggcta	accgtatccg	atcgttctat	120
aaggaatatt	tcgacgagaa	caagaatggg	agggagactt	actatgggtc	cgaatcttat	180
caagacgttg	actatatcta	cgattcgggt	actggagatt	actacgacag	tgtcccagca	240
ccgttttctg	agccaatata	ccgtcggggt	atgacccctc	ctccgcgcct	ccccccgcgg	300
tttcaagggg	gaggttagaca	tatgccttcg	ggctctatcg	gtggcttttag	cgatcgaatc	360
aactccccag	gccccagctg	cttctcatca	gcttctggga	ggctgccagg	tgccccgaaa	420
atccgcaagc	ctgcaccttc	accagcccca	ctccagcttc	tacctacacc	ccacatgttg	480
aaagatgact	ctataatggg	agctatcgac	tacgcccccg	ggaaaagtta	tagagaccag	540
aggggaaggcc	gctccgagac	acctcttggg	aggttggaa	cgttcaqttc	accqatgcc	600
gccccactc	cacttgtctc	aatttttaat	agaactgggt	gcataccgag	cccccatgca	660
ttgcggggagg	tcgggtcata	ataat				685

<210> 6213

<211> 670

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(670)

<223> n - A,T,C or G

<400> 6213

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agcgaaaagc	accccqacta	cgacattact	gtccttgctc	gagaggccga	caaggggcgca	180

aagatctccc	aggcttacct	taaagtccgc	gtcgtgcagg	gagagcttga	ttcggctgta	240
gttgaagaag	aggcgcaaaa	tgccgatgtg	gtagttaatg	cggccagcgc	gcagaacaat	300
aaaggtgcgg	aggcagtctt	ccgaggattg	actagctcca	agcgcacgaa	gccaggctac	360
tggatccaag	tatccggcgc	tactctcctc	tccgcagttg	atatcgaaaa	aggcgtttac	420
ggagagccct	ccgacaagat	ctacagcgac	atcgatgacg	aggaagatat	caaggctcta	480
attcacaagt	tgcgagccaa	gcgtctcctc	gaccatttca	tctcaacctc	gcccagagact	540
gcactttcac	caaagacaga	cgtcggctat	cctctcctca	tctacggtcg	cgggagaggg	600
cccatcacgc	agcgaagtgt	gcacatcccc	gaactcggac	gctttaccct	ccataacaga	660
tccggatecn						670

<210> 6214

<211> 1093

<212> DNA

<213> *Aspergillus oryzae*

<400> 6211

cagataacgt	gacacaatgg	aggccttcaa	tctacacaa	ttcctttctt	ccctctacat	60
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tcttgagacc	ggcagtaact	tgggtgctcc	ggatccatat	ggcccatggc	aaatgatccc	180
cagcattccc	accgaagacc	tggtctacat	caaaactacc	aacaccggaa	ctgggagggg	240
agaagttcac	atcgctcgg	gttcacgagg	attcaggact	cgcagccttg	aagtcggaac	300
atcattttgt	tctgaggata	acggaacttg	gcaattaatt	gatgcagacg	gtgacggcag	360
acctgatctt	gtttacatca	aaactaggaa	taccggaacc	ggtaggggtg	aggtacacat	420
tgcgtccgca	tcacccaact	atcagacacg	tatcttgga	actggaacca	ctttttaccc	480
ggaggataat	ggagtttggc	agatggcaga	cttcgatcac	gatggcaaac	tcgatctggt	540
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tccgggatacg	ggaactggaa	aagtcgagg	gcatgttgcg	tccggctcgt	ccacttacaa	780
tactcgcgtc	caggaagtcg	gcacgacctt	ctatccagaa	agtaatgggt	tctgggaact	840
gagtgaacttt	aatcatgatg	gtgtcctgga	tctagtgtat	atcaagacgc	aaaacactgg	900
aactggtagc	gttgagggtc	atgtggcgct	ggggaaatca	tagtccacac	aataatgtat	960
gcccgaattga	tagtgtcatt	cgatgtggga	gctattgttg	ttgaaacggg	ggttactact	1020
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<210> 6215

<211> 905

<212> DNA

<213> *Aspergillus oryzae*

<400> 6215

ccaacctcct	tcccttatac	cgtcccatgc	aaacgatgat	atcacagttc	ctccgtaatt	60
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tgtctgtgagt	tgtgactgg	atctgacgct	tggtcccata	catcgaacta	tacaaaacgg	180
tccaacaatt	tgattgtaca	cacgggaaat	aggagggatc	ttgggtactt	ctcgccaaca	240
tgagtcttcg	cgaaaagggt	cgcagagtgt	ttcgtcgtcc	gcctagcggg	tccaaatcga	300
aggacaattc	caactccatc	aagatcgagt	attacaagcg	ccatgagatc	ccgcggtcca	360
agttcaaggg	cccatttgac	cgcgagcacc	aaaagagact	ggccgcgtgg	tcctttgacg	420
aggccagggc	cgaaagaccc	cgttcccggg	atctttcttt	gtccctttgc	gcattcttgc	480
cgaactatct	gaggcctcgt	gtccaggagg	atagtgtggc	tcctgatgag	gttccctcgc	540
ttgccccaga	gggtctgtct	gatgcacccg	ccacgatctc	cgacaacgag	cgcgcggagc	600
gpcaggatga	cagtggatcc	acctcctcga	ccgcttatga	cccggacagc	tacagcagct	660
cgatgatgac	cctcttcgat	gaagctatcc	gtcaggactc	gatcgcccaa	tttaaggaga	720
cgatccggta	caggtcaacc	gtggtcgggg	ccatctttcc	cgcctccgct	gggccccaaa	780
gggcgcttca	tgcggttgc	ccccgaaaaa	ttgacacggy	gcgttggaatg	gcccggcaaa	840
tttgtgggta	aaaccaactt	ctggccaaaag	caatttaact	cttccattct	aacgttccgt	900
gaccc						905

<210> 6216

<211> 701
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(701)
 <223> n = A,T,C or G

<400> 6216
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 tccgacgacg cctacatgag cttectgaac aaagccaacg cggacctgga caccgcgcga 180
 gctcaacaag cccaggactc ccccaccgct cgtaccgaaa cagtcgaaac aggcgtcagc 240
 gtcccagctc cactgacatc agtcgacgcc tactacatct ctgaaaaccga tgaaccgttc 300
 gaacccgctc cactgagatc gcatggcgca tctagaggaa tcttccccga tgcttcgcct 360
 ctatcgaaac tgatctcgcc gaatgcggat ctttcatcct cgattactac gctatcacca 420
 tcttcttttg atcccaggaa tcagtaccgc tctgcgttgc gcgcggttcg cgcgcgtgct 480
 gcggaatcct ctgggggtga tgagtcggcg gtggatgtga aggtttttcg ggttgaggtt 540
 gggccgtcgc ggattgagta ttatattctt gcggtggatg ctgagaagtc gttggttggt 600
 ggggtgagga cgaaggctgt tgagacttag tgatgncttg tgggtgaggt agatatncta 660
 attttggtct ggtnnannan annnnnnnnn nnnnnnattcc t 701

<210> 6217
 <211> 678
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(678)
 <223> n = A,T,C or G

<400> 6217
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 ccacgcattc ccgatgctga tacaccccg cgcgtattcg tagtcaatgt tcccatcgac 180
 acgacagaac tacacttgcg tcacttattc gggagccagc tagccgcggg ccgtgtagag 240
 cgagtcactc tcgaagccgt accgacgaag aagaaggagg gaatgaccac ggcgcatagc 300
 atggtcgcga atgtttcgaa gagcaaaaag agaaagagag tgacagtcga tgagctacag 360
 aatcagctgg atgatctgc gttaccgtct acgtgggacc gggaacttca aaaaagcggg 420
 ggcgcatcgc tcgtcgtctt tgcgataaag cccagtatgg tggccagtgt gaaagcggcc 480
 aagaaagcan gcaaaaggaa ggatggggaa attgtttggg gcgaaggcct cgaggacagt 540
 ctctctcagc tgggcttaca gcgttatctc aaccatgaag aggttcggta tcttccccgc 600
 ggggagttgc tgcgcacggg gaacgatttc atgacgatgg ttggagctgt tgcccaggcc 660
 aggaggaaag ancgccc 678

<210> 6218
 <211> 1171
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(1171)
 <223> n = A,T,C or G

<400> 6218
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 cctctaccac tgcgtgcggg gccccgaggg ctgcggatgg gctgccggag aggttggttg 120

tctgtttccaa	tttgggtcact	ggtcgggttgt	lletcttttcc	tctgtacata	acttgggcttt	180
ggggattccg	gatcgtagag	ctgttttagat	ttcccggatg	ccgccgaaga	atctctctta	240
tcccgaattgt	tgtctcttcc	actaccacgg	cttctccctt	ttcctctacc	ctcgtgcttt	300
gggtgggggtcc	cactgcgtgg	cgacgatgcg	cctgacgtag	tgccagaggg	gtccccgaac	360
aatcttttcc	gtactttctt	gtactttgct	tgtttctctt	cccgaattcc	cagcgcaatg	420
gcttggcggt	cctcgggagt	aggctctggt	ggtttgttgt	catcgtcgga	atcgctcgta	480
ttgtcactgt	tcagagccag	tcttccaagn	acagcggctg	tggcggttgac	ggatgacgat	540
tgccgggaag	agtgtggatt	gcgactcaga	agagtcacag	tccggtttgaa	ctcctgtttg	600
agagggacat	tggagcgcga	ttccaggaaa	tgaacgctt	gcggagtctt	gctgttcgtg	660
aaagaacggt	cagaatgcga	ttgttcagga	catagacagc	acaagagacc	agttgtgaag	720
aagaagaaga	agaagaagaa	gaagaagaag	atatacgtac	gcttccgccc	atagttgccg	780
gttgaattcc	gcttgctgcg	ccctgcgctg	cgctttgggt	actttggagg	atactttctt	840
ttccgggtgga	ggcgggggtg	ggtcggacgc	taaggtctgc	agaggagttc	gaggtcaaata	900
cagtggatta	tagaaagtga	atccagagcg	gttgattcga	ttctagaata	cggctatgta	960
tagtgagaag	gaaggcatac	atcggttgt	ctttccagtc	ttcttccagg	catcggtgt	1020
ttcagcggag	ggcttttgcg	tcatttggta	acgattagtc	tatggggaaa	agagggaaaat	1080
gcagatgcag	aaggaaacag	gggttttcag	atgcataat	tgtttataag	ataagaaatg	1140
cgaccaaact	ctcttcaaaa	taaaaaaaaa	a			1171

<210> 6219

<211> 630

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(630)

<223> n = A,T,C or G

<400> 6219

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cctgtgccac	agcagctgcg	agctgctcaa	cgtggggacc	ctcgaggcat	atctgaccag	120
agtgaccaag	tggatgaaag	cccatccgta	cgatgtgggt	accattttga	tgggcaactc	180
ggactacgtc	gatecgggca	atttcaccgc	gcccgtccag	aactccgggt	tgatggactt	240
gggtgtatacc	cccgccaaaga	ttcccatggc	cttggacgac	tggccgacgc	tgtctaacat	300
gatcttctcc	ggcaagcgtg	cggtcatgtt	cctagactac	caggccaatc	agacggcgta	360
cccatggctc	atggatgaat	tttcccagct	gtgggagacg	ccgttctcgc	ccacggaccg	420
agactttccc	tgcgacgtcc	agcgtccccc	ggatctggcg	gcgaatgacg	ccaagaaccg	480
gctgtatatg	gcgaaccaca	acctcaacat	ccagatggac	gtgctgaatc	tcgacctgct	540
catcccgaa	acggctctct	tgaatgagac	gaacaacgtg	accggatacn	gcagtcctcg	600
cctgatggcg	agcaatngta	ccaaaatctg				630

<210> 6220

<211> 707

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(707)

<223> n = A,T,C or G

<400> 6220

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aatcggcgca	ggagcgaatt	ggctcgccca	gcgatgaac	accttcagca	ggacttgcga	120
caggaagacc	gcgatacttt	gaagtgcggt	gcttcaaaa	tctccttttg	gactgggarr	180
ggttccgcag	taggaattgg	tatgggtctc	tatgtcgctt	tcagactgcg	cagctcgcgc	240
aaggctttct	tcgatgtttt	tgcgcgcgag	gagagacctc	cacaagtgg	cttcgccgat	300
ggtcggacag	aatctatccc	ggatattacc	cccttgctga	agccaaccac	gcttgggtgat	360
ttcgcacacat	atctctttgc	ttctgctggt	ggactctttt	tgggtggaga	gctaggcttc	420

ttgggaggag	cagctagtgg	cagtcgcacc	atcactgccc	acccggagca	gaagaagagg	480
attgagaccg	ctttccggcg	attccgggccc	gatgtactgc	gcaaagaagc	cgacgcgttg	540
gacgcgggag	tgagcggtga	ggataagatg	ttttgatata	ggtgtttgat	gtggtggtaa	600
tggtgtngca	tggttcggcg	tataccta	ctgtctatct	cgaagtgcct	agcacttcgt	660
atggtatttg	tataaaacgt	ccatggcgta	atgccagaat	ctncaaa		707

<210> 6221
 <211> 699
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(699)
 <223> n = A,T,C or G

<400> 6221						
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tacaggcact	tgaggcagga	gggggagctc	ggaaacaggt	tgtttttagaa	gtttgtcgat	180
tcgaaagacg	gttaaaggta	gagatgcgcc	gctccctaca	aatcagtcg	caagttttag	240
aatcttctag	ggctgctgag	aacaactccg	aactcgacca	tgttcgtggg	attttgggaag	300
acctacacaa	gacaacagag	cacgtggaac	actatctggg	aattgcagag	gacaaagact	360
ggaaactgct	tgtctgttgc	attgctgctg	aactcgaagc	attgcgggaa	gcacgagcaa	420
tgctccttga	tgccctcgat	attccggatg	aaggcccgtc	gcagtcttca	gaacgaangg	480
tgccctgacaa	gtccggagaa	aataatctgc	ataataccca	tcaagatcca	cttggagttg	540
acaaccccga	cccttcagct	gatctattac	aagatgccga	aaaacatcat	tcttgaccca	600
tatctataac	ggaagaatga	gaatgatgag	ccggatcctg	cgtggctgct	ttccaaaaac	660
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<210> 6222
 <211> 691
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(691)
 <223> n = A,T,C or G

<400> 6222						
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acagcagcaa	cgacaacaaa	ccccaaacc	aaattggcct	cctctccgcc	ccctcatccc	180
ctcatccgac	ctcaccctcg	atcctctcct	ccccgaccaa	atctacctca	tcccaaactt	240
cttcaccgca	aacctctgca	aaacctacgt	ctcattectc	tcctccctgc	ccctaaccac	300
tacccttggg	aagccgaaaa	agggcgatgc	cgttcgcgct	aacgatcggt	tcagatcca	360
ggatgagcgg	tttgccgagt	cgttgtggag	cgggacagcg	ctgaaggacc	tggtgatgaa	420
tggggatggg	gagggggaga	ggtcgatgaa	agagatctgg	ggcggggagc	cttgggggtt	480
gaatgcgaat	attcggatct	atcgggatcc	gaaggggcag	tttttggccc	agcattacga	540
cgactccaac	acctcactt	tctcttcccc	ttcccatccc	tctcaacctg	ctcgcaccac	600
gaggaccctt	cttatctact	tgactacctg	ctcagggggc	gaaactatct	tctaccggga	660
atcgactcgc	gggaatcgca	accccgagcc	n			691

<210> 6223
 <211> 1213
 <212> DNA
 <213> *Aspergillus oryzae*

<220>

<221> misc_feature
 <222> (1)...(1213)
 <223> n = A,T,C or G

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ttgattattg gattgaagtc tgcaaaggga accaagaagc tgcgccttga tcccagcatt      180
tatgaggcta ttcaaaaaga acgagtcact gttggagatg tcatctacat cgaagcgaac      240
actggtgctt gtaagagagt tggccgatcc gatgcctatg cgaccgagtt cgaccttgaa      300
gcagaagaat acgttcctgt acccaaggga gaggttcaca agaagaagga aatcgtacag      360
gacgtgacgc tacatgacct ggacatggcc aacgctcggc cacaagggtg acaggacgtt      420
atgagcatga tgggacaact gatgaagccc aagaagaccg agatcacgga taagctacgt      480
caggagatcg acaagggttg tagccggtat atcgaccaag gagttgctga actggttcct      540
ggtgtcctct ntattgatga ggtccacatg ttggatattg aatgtttcac ctatctcaac      600
cgggcacttg aatctcfaat cttccccatt gttatcctcg cctccaaccg cggccacact      660
gtcatccgcg gcacgcagca catcagcgcc gcacacggca ttcctcttga cctcctcgct      720
cgctcctca tcatccccac ccaccttac tcttcgacg agatcaagac catcattcgc      780
cttcgogcca agacagaagg tctcaacatt accgatccc cctcgcacaa gatctccgag      840
cacggcagca acgtcagcct gcggtacgca ctgcaattac tgaccccagc taggactcct      900
tgtcaggacg ctctcttcta tatgcgattc cgaactgacg gcatacactg tcgcttttac      960
atagtctaat atttacgaag agagaggcga taacaattcc gttaatacgc caatgatgat     1020
tccaattttc catattgtct taactcaaata gaattaacat gctatcaaga gaacaaagat     1080
tagagctcag catcaaaaca atggctaccc agataaaaat atcctgcggg ccgttcaact     1140
tgcattctga gggccgaata atgtaattag tcttggcacg ctttaattta gcccttcccc     1200
acattccgtt tac                                     1213
  
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<210> 6224
 <211> 767
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 6224
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aaaagaaaca aaaaaaatga cagtccaatc aacccccac ctcgacgccc tccaacgcga     180
cggcttcctg gtggtccgct ccatectctc ccccgaaaga gtcgcccatt tccgtaccgt     240
atcaacaaaa gccaccacac tcaccgaac aggccactgg cctcacttcc gcaccgtccc     300
gaagcaattc ccgccctggc cgaccacacc cctcccgcgc tcggaggggc gcactctgggg     360
cgtgcagcac ctctccacc cctcgatgcc gggcgcgcgc gaattcgcgc gcttttactt     420
ctccgagaaa gtgctcgccg tggccgagga gctgctcgcc gtgacgcgca ccgagggcaa     480
cgaggaggag cctctggtca tggaaactatt caatctactg gttgcgcggg agacgaaggga     540
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gaagttgttg gagtcgaaga gtccgcaagg aaagcaaagt catgcgcagt ataatttggc     660
actttgtcct gatgcgtcgc tgaatgttgt tccgggggtc gcacgcagcg gtgaggactg     720
gagcgggaaa gaatgctggg ccttatttag cggatatgcc ggggttac                                     767
  
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<210> 6225
 <211> 664
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(664)
 <223> n = A,T,C or G

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<400> 6225
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gagtactggg	tgaacaacat	tggattaagc	gacagctgcg	agttgattga	agactacttt	180
gggatcacga	ggcggcagtt	tgcacttttg	aaccatctc	tgtcaccttc	atgtgtcatg	240
actcgtggat	ggagctattg	tgtcgcagcg	cgcgtcttcg	cgacaacgtc	caccacatcc	300
accacatcca	tcactgctac	ccgacctctt	gacccatcac	gcactatcac	gtactccggc	360
acagcggtcc	ccacgcana	tggcgtcagc	tcactcctgc	ccaagtatca	tctagtgcac	420
ccaggagata	catgctatac	catccaggat	gaatatgggg	actttactct	tgaacagttt	480
tattcatgga	atccctgcat	cggcaagggg	tgcattggta	tacagccagg	ttattatgtc	540
tgcgtgggca	ctggatccaa	gtctacctct	atttctatga	cgcacctac	cgggtcttct	600
actgcaattt	cgagccaaga	ccagtgaagg	atcgtccgca	ttcaaactct	aaccacacca	660
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<210> 6226

<211> 689

<212> DNA

<213> *Aspergillus oryzae*

<400> 6226

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cgagtcgatgc	cagcagcagt	gccttttagtc	cgaatgcaa	tcccaacgaa	gactggacca	180
aaatatcaga	tcttgccgag	cggcggcgta	ttcagaaccg	aattgcgag	cgcaattatc	240
gtaaaaagct	caagcgccgc	ctagaggacc	ttgagaagag	ggctgcttca	gcttcagagt	300
ccccagaacg	gtccaacgag	aggactgaag	cgcgaaaag	ttcgcatccc	gccaagcctc	360
gtgctaggaa	ctctcgcgct	tctaagtcga	acggggatgc	cactagacgg	gctacagcag	420
agaggacccc	cgcctatgat	ggttatgcag	cacaggatga	caggggcgcg	atgttctccc	480
atcatgtacg	cgcctagttt	tcggataacc	cccgccgggg	gaatctgatc	cctcataatt	540
cccacttgaa	accctacggg	cagtcacctc	atggggccatc	cgaatcccta	ttaattcaat	600
tcccaagtac	cctccatgga	tttggttaaa	tggaaaagaa	cggggggggc	aggggcatct	660
attttttccc	cgttacaag	aactacaag				689

<210> 6227

<211> 703

<212> DNA

<213> *Aspergillus oryzae*

<400> 6227

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ccaacctttc	cattagccct	ccaatgggta	gatagctctg	ggctcccagg	ccgggtgggtt	180
gggtgctcaa	atagttcatc	accaactcca	atgcctctct	agcttcatcc	tgggtcggcg	240
agccagggtg	acttataggg	gaaaccgtgg	ttgacttcgg	aaataatggg	ggataaatgg	300
attttgcctt	gattttctggg	ttgctgcggg	tacgcttgat	tgtgctggat	gaggtatcga	360
gactaggaat	agcctttggg	ttgtactaat	ccataaatgg	agatctttgt	aaagggcggtg	420
gttgaatccc	atttttcggg	gggggttaaa	cgaccttctg	tttcccccat	tatgaaagga	480
atctttggct	ttttccttat	atcaactatat	ttacgagggc	ctccccccat	tgttggttagc	540
ctctatacaa	aacgaggacg	tttccctttc	ttttctctct	atataatcca	taaagagtc	600
catcattttt	actttgcctt	ttttcaaaaa	ataatttttt	ccccataaaa	cagtatgggtg	660
tatatcaacc	cgggtggcgga	tattcccccc	tattactaca	tct		703

<210> 6228

<211> 269

<212> DNA

<213> *Aspergillus oryzae*

<400> 6228

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ttcctttttc	gctttgatac	tgggaattgc	accacaacaa	tgcgccatca	gagttggatt	180
gattatatga	aaaacctttc	tgatggactt	actggggctg	tggctcgtgt	ctatattgct	240
ggcgaagcag	tgggtgctct	tacgcagac				269

<210> 6229
 <211> 682
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(682)
 <223> n = A,T,C or G

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cgattggcgg  actggtgggt  gacgatgatt  catttgagca  aactcctagg  tgacgtcctc     180
aatttlaaget  accggcctct  tgggcctcac  ccctcgcttc  agcaggtaga  agcaaccgag     240
acagaaaacc  tactatttca  attcccgga  aactccgaag  cagaccgaag  tggcctggcc     300
actttttata  tgtatcatct  acagttgcac  taccaagctt  tactcattac  attctatcgc     360
ccttatatca  ccaaggtgcc  agaagggtta  ccagtggccc  agcaacaggc  gtggcgaagt     420
caaatacgaa  acaaaatgga  cgccgctgcc  ctacaaacga  attctattgt  cgataacctg     480
gctcgtgaaa  agctgctaga  attcggcggt  ccaatgacac  ctncattact  ggtaccagct     540
atgcaagttc  atctcctcaa  ctgcaagtcg  tccgatgggt  ntattcggcg  actgggcctt     600
aacaagctgg  aattgtgtat  gatgatctta  ggcagatgc  agcacacata  tncatctgcc     660
tncatatttc  gaagcatctt  cn                                     682
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<210> 6230
 <211> 679
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(679)
 <223> n = A,T,C or G

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ctgtctagag  ctggggcaa  cagccggctc  tctggtcaga  gattctttgc  cgatgccaaa     180
cctcctacca  gtgccccctac  cctgtctctc  ccctcatccg  aaacacccat  ccccccgag      240
actattccta  agccatcgcc  tagtgagcaa  gattctcaga  ctctccacc  acccccaccc     300
gccccggctc  gtaaaacggg  acgtttccga  agattccttc  tctacctgat  tctcacatct     360
ggtttcgct  acgggtggag  tgtcttcctt  gccttgaagt  ctgacaactt  ccctgacttc     420
ttcacccaat  acattccgta  cgggtgaagag  gccgttcttt  acttcgagga  acgggacttc     480
tctcgtcgtt  tcccgaacac  cctgaagggc  caggcccgcga  tctctggaca  caaggatgag     540
agcaagaagg  ttacaatccc  caagagagag  tggcctgact  tcnaaggctg  canaagagca     600
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accctaatca  agaccgaag                                     679
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<210> 6231
 <211> 671
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(671)
 <223> n = A,T,C or G

<400> 6231

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agggacgccc	gtgactccgg	atgcaaccac	tctctctctc	ccttaaatac	tccccgatcg	180
ctcttctctt	acttctctct	cttcccccat	tgacttcgta	actctcttcg	ttatcgatac	240
aagctcaatt	tctcaattct	atgggaatca	ctgtctacaa	ggcgtgctcg	ccaaaaaccg	300
ccaaaattat	cggcacactt	cttaactcgc	gtcacgcacc	cgttcaacgg	ccggcgctca	360
tctctcgtg	gagggacatc	ggcctacgaa	ttacacaccc	attaaatcat	tcaccaaaaca	420
tcccactttc	gccatccgag	tcaattgtct	gctctgtgaa	cgcaatggct	ccccacgcta	480
attcggatgt	tgtgccaat	ggcgccgtga	acgggtcggc	tcaatcctct	ctgtttactg	540
tcaattccac	caatgtcgag	tacaccgaca	atgagatcaa	gagcaagtat	gcctaccaca	600
ctaccgacat	cactcgtacc	gccgacaaca	agctggctcg	cactcccaag	gcgactacct	660
accactnata	g					671

<210> 6232

<211> 688

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(688)

<223> n = A,T,C or G

<400> 6232

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atctataagg	atgaatccga	gagcaccgcc	tcgttagtcg	acgtagattc	acaacacgtc	180
accgtcgtgg	actcgaattt	cctggatcaa	gacatcaaga	ccactactca	agccgagcgg	240
atagagcagg	aagagtccga	ggaaaataag	aaagcgaagg	aagagcggaa	agctaaggcc	300
aaggccaagg	ctaaggcttc	tggcgtatgc	cgcaactcgg	ataatccggg	ctatatcggc	360
aatgctgtgc	tcttgagctt	agtgggcgca	gggctggggg	tcggtgcata	ccggaaacat	420
gctcaaggca	aactctcctg	ggagctgata	ggactctggg	ccggagctgt	tggagcattt	480
ggtgcggttg	attattttgt	caacaagtgg	tttcttcaaa	acaagtaccc	tcccaaatag	540
atagcgggta	tcgctgatcg	tggcggttcag	tctccgagcc	tatctctata	tgaatgggtn	600
ttgattgtca	tatttcatca	tagctctggg	accacacatt	cccaaaggct	tggactcngc	660
gcggggatgg	ttttaattgt	gtatcaan				688

<210> 6233

<211> 1185

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1185)

<223> n = A,T,C or G

<400> 6233

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cgataccgaa	ctacgggatt	acattcgcca	tgcgattgat	gatgcagagg	ctagccacac	180
ccgacacttg	ctcaccacac	tgaccggaac	cacgcacat	ccatggggaa	ggccacatga	240
tgagtacgag	gagctcatgg	gategtcatg	gaccggacac	aacaatgaag	tttaccgcta	300
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gaacggcatt	gcggatgaga	ngtagactgt	catggccggg	gatcacqgtc	tgtcgtgccc	420
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tgagcttgcg	cattcgaaac	tgccttcggg	cgaagattct	acccctgtgg	acaatgatca	540
tattgtgccc	accattttgg	acttgcgtga	ttgagtcgag	gtcgttgagc	gaaggcagcg	600
gcggtgcggc	gcgcgacatc	ctatccctgt	atgaagggca	gtccatgctc	cgcccccttg	660
ttcaagaaga	ggacggaaaa	cagaactggc	agttcacccg	catgaacact	ggcggtaactt	720

ggctcgcggt	gcgctcggcg	gcgcgaccgg	cgttccggtt	ggtcattcca	ttgggtgacy	780
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acttcagtct	catggatatg	gccaacgaac	ttgaccagaa	gtaccggacag	gacgtcgtgg	900
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atcggtagat	tccgcagatc	aagatctcga	nagacggcaa	aatttccaag	ggccanggac	1020
tcggtagaaa	gggctcanag	gacaaggact	ccgatgatac	ggattctgac	gactcccagg	1080
actcgaagcg	ttgagtgage	ttcttcanag	aatgagatca	ggaagtctac	acaggaactt	1140
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<210> 6234

<211> 677

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (677)

<223> n = A,T,C or G

<400> 6234

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cgggtcaagaa	gtggattcga	aacgtatcgc	tcgtttcgtc	cgtagatacg	gcactaactg	180
ggacaacaaa	ggtcgcgcgc	agtctcagtc	ccaatctcca	cctcaacttc	aacttcagtc	240
tcaaccgcga	acccaaccgc	agacccatcg	gtcaagccca	gagcctggta	ggtcgcttct	300
acgtgatcaa	atatctgttg	catcagctgt	ttatacagag	ccagatactc	cgtctgatat	360
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cgcaggtcac	gacaagctta	agatagaaca	aactcctgct	tcagagattg	atgatactca	600
atctttgccc	acaacaactt	ataacccccg	cttaccacaa	gagacaccta	naaccacaga	660
tgatgtgtca	tgggaang					677

<210> 6235

<211> 748

<212> DNA

<213> *Aspergillus oryzae*

<400> 6235

ggacctcaag	tccatgggta	agctcaagcg	cgaagtcgag	aaggccaagc	gtactctctc	60
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gacctcacc	cgtgctaagt	tcgaagagct	gaacatggat	ctgttcaaga	agacctcaa	180
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ccttggttgg	ggatctaccc	gtattcccaa	ggccaggct	cttctcgagg	agttcttcgg	300
tggcaagaag	gccagcaagg	gtattaaccc	tgatgaggct	gttgctttcg	gtgctgccgt	360
ccagggtggg	gtcctttccg	gtgagycgg	taccgaggat	gtcgtttctga	tggacgtcaa	420
ccctcttacc	ctcggtatcg	agaccactgg	cgggtgtcatg	actaagctca	ttccccgtaa	480
caccgttata	cctactcgca	agtcaccagat	cttctccacc	gccgtgata	atcagcctac	540
cgttcttata	caagtttatg	agggcgagcg	ttccttgacc	aaggataaca	acctcctcgg	600
caagttctgag	cttaaccagca	ttccccccgc	tcctcgtggg	gttccccaga	tggagggtctc	660
cttcgatttg	gacgccccag	gtatcctgaa	ggtcagcgcc	agcgacaagg	ggaatttgcca	720
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<210> 6236

<211> 713

<212> DNA

<213> *Aspergillus oryzae*

<400> 6236

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acttaaacat	cgctgaaagt	atcttgcaact	cgcgatcggt	cataccatct	ctcattatgg	180
ctcccagacc	agatagcagc	gtcaacgcac	caccaacccc	agaagctagt	aatatatctg	240
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gatggcaata	ctacagcccc	tgctacgaat	ggggggaaac	caaaggcaag	tcggtctaaa	660
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<210> 6237

<211> 685

<212> DNA

<213> *Aspergillus oryzae*

<400> 6237

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agattctgca	agatttgccc	ttggagagtc	caccggggtc	agaggatatt	tatggaaagg	300
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gggatagttt	atgggtgatg	cactagtatc	acaggttcat	agctgagggt	cattgatgga	600
tatttaatga	tctgaaagca	tggctagcat	cttgcatatt	gccagacttg	ctttcatgct	660
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<210> 6238

<211> 687

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

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<223> n = A,T,C or G

<400> 6238

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tcaagtctgg	cggtctctcat	ttcaaatttg	ctcccgatg	cggttgcaaa	gctaaatggc	180
gatcagctgg	atgagctgaa	cataagccag	aaaatcgta	tcgagaaccc	ggactatcgg	240
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caattcaatc	agcagttcca	gcgaccagga	cnaaatgggt	acgcttttct	cctcgcccaa	600
caaggggccg	cngcccaaac	tttgnccaaa	gcctacacgc	cngcccccca	caaacagggg	660
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<210> 6239

<211> 975

<212> DNA

<213> *Aspergillus oryzae*

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tcggattatc agatgggtct cagcacttct acattgcaac tcttcgggaa attggtcgtt      900
atctcgctag tcagcttggt cgccttggtg cgtcttlatc aacattttct acgtaacgac      960
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<210> 6240

<211> 616

<212> DNA

<213> *Aspergillus oryzae*

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tgaggggctg ctagatgtaa ctacattggc atcgagtgtt ctcaattacg agtacaagaa      180
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gcaggaccgc atggacctcc tccatcacat atacacctg attctcgatg gcgagctgca      300
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tcccattcaa ccaagctgga tccccccaaa tctccaattt gaaatcgatg actacgaagc      480
agactgggtc tattcacggc ccttcgacta catccacggt cgcgagctag caggcgctgt      540
cagtaacttc gaccgactct tccgacaagc ctttaaccat ctaaaaccgg ggggataccc      600
tgagatgcaa acttcg      616

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<210> 6241

<211> 655

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(655)

<223> n = A,T,C or G

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<400> 6241
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tgagggttct cgccttgaag acaaggtcaa gatcttcgag ggcgacaaga aggctggtgg      120
aaaggattcg gcccgcttg ccgaggctgg aaacgcgggc gagatcggac gtctgaagaa      180
ggagctcgat gcgaaggacc gtgacattga gacctgaag aagcagtgtg agggctcttac      240
ccgcgaatac cacagtctgg gtgacaaggt tgcgggtaag accgatgatg acactaagaa      300
ggatctgtga attcaatcgt ggagtccaaa cttggaaaagg aattctgtgt tgtctcaagt      360
ggaagtatct catgagatag ggcaggatct ccgagcagct cttatggtat caaaatgatg      420
ttcgttgaaa tcaagcgctc cgcttactac tcgctttcag ttgtgataac acaagtgaaa      480
agcagtgacg caaagcagta agtcaatgag catgtgtggt ggatttatgg ttccctgctt      540
tcacggatat ggatgttggt tgttcgcgga gatattcaaa cgcgtggtga caaggagggt      600
gtatacacat tgtgagatat tgattcccta gtggttgaca tatcanacaa aaacg      655

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<210> 6242
 <211> 1077
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1077)
 <223> n = A,T,C or G

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<400> 6242
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tacaccgtcc aggcctatta caagaaaact atcaaccacc actactctca ccaccaacac      120
catatcaacc tcaattcaca atgccttcca tcggtggctc tacttctcag ttccctcctt      180
gccctgggtcc tcttcccaag ggtccgcttc ctctcttccc caagtaaacc ttgggctttg      240
tgatgaaatg acgaccgggc gtaactcgagc gggttcattca ccccgtcgtg cgaaagcacc      300
aacacgaacc gactcgtgac gctcacgaaa cggcggttgc tttggcataf ggatatcacy      360
atcttcgatt tcggaactgc aaaatggctt tgatctaccc cgaacgcatt ctcatataca      420
acctttatcc gacgttatct tctcttatct tcttcgcttc taccatttcg gatttttcac      480
tccattggga tctcaactgg ctccagatag gagctgcgcg atgacgttac ttgcgggagt      540
ttatctttct tcacactccg attctacgga caggcgccgg cgccacgctt tttctctctt      600
ctttccttct gcaacggcgc tttggcattg cgacatcagg ccaccagtga tgcattgcgt      660
catttgattt gaccaacggc gtcattgcaag gcaggcacct gacaacacaa atgatatcaa      720
agttatcggt gttcgcgac tccccaccca cgttgtcact tatctctcac atcggtgggt      780
tccaacggct cgttatcggc acaaaccccc caaagctatg ggacaccagg ggggcgtttg      840
gaggttanaa gcctgacaac atctcacctt tcagccaacc aaacgtcgct acgaagcatg      900
ggatttacct gaccattcgc gatgtcaaag cgttattgga actccccatt ttgatttgcg      960
gggacttttt ctogaagctt atttaatcat gggctctttc tctttctctg accatctctt     1020
ggttattacc tttttctttt ctccctctct ttttttttta agggggcttt taatttt      1077
  
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<210> 6243
 <211> 663
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(663)
 <223> n = A,T,C or G

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<400> 6243
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cgcttcacca tgcattatt tgtgtcgct cgtatggta tatgttctct ttttcggtt      120
ccttttttct ttcttataac agcttgccat tccattcttc tggggctcgg ttctgcattg      180
atacatttta ttgttgggtt taccttctta tttgtgttg ccttccctag cctatatggt      240
aaactgggga aggcctttct tacttcggga tgtgcgagac actgatccat tgcattgtaca      300
tatatttgca ttgatggcac gtctatattt ggctttctgt caccttgccc ttggttctct      360
tatgtttccc ctattgcgc tttgtcggga agcctacgaa agacgctagg cattcgcttt      420
ttctccttcg atgcaatttc catctgcgcc ttttgcgtct atatatact ctgttcgggt      480
ttgttcacca aggcctggng catcaqtgar nttctttt atgtaatycc cgcattgagga      540
ggacacagtg tgggataagg atacacagag cggctcggtt cattaaagac ccgcaagact      600
catgaccatg tcttttctat ttgtgtgagt tgaatgatgg tgaagactta caaacggggc      660
con
  
```

<210> 6244
 <211> 659
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6244

ccttttagct	cgtgggtcga	ctcctggagc	acccgctgga	accccaaggt	cttcgcgcac	60
cagggatacg	tagtcgtcgc	acccaaccca	accggaagca	gtggcttcgg	cgatgccttc	120
caggacgcca	tccaaaacca	atggggaggc	taccctacg	aagacctcgt	caaaggctgg	180
gaatacgtca	acgagaactt	cgacttcatt	gacaccgaca	acggtgtcgc	cgccggtgcc	240
agctacgggtg	gcttcatgat	caactggatc	caaggcagcg	atctggggccg	caagttcaag	300
gccctgggtca	gccacgacgg	cacattcgtc	gcagatgcaa	aggtctcaac	cgaagaactg	360
tggttcatgc	aacacgagtt	caacggcaca	ttctgggata	accgcgaaaa	ctaccgtcgc	420
tgggacccct	ctgcccccca	acggatcctc	aaattcagca	cccccatgct	catcatccac	480
agcgatctgg	actaccgtct	ccccgtctca	gagggtcttt	ctctcttcaa	catcctccaa	540
gaacgcgggtg	tccctagtcg	atttcttaac	ttccccgatg	aaaaccactg	ggtccaaaac	600
aaagaaaaca	gcctggtctt	gcaccaacag	gtcctgggct	ggttgaacaa	atactcagg	659

<210> 6245

<211> 762

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 6245

ngacattgct	ttccgtatac	ggccaaggcg	acgaagtatc	tgccgtcctc	gcggagaaat	60
tctcgaagcc	cttgaagaag	caaatctctg	gtctcattcg	ccgtcagcgc	gaggaaatgc	120
tacaccccca	acttgcacga	gactaccttt	tccccgtcct	tcctggagtc	ttgtcggacc	180
ctaacgagga	gaagcgcaac	cccgtattag	aattgggtcaa	aatgttgatg	cagggtcetta	240
gtcttttccaa	gacgacaagt	ttggagaatc	gacttctacg	tcgcgaactc	ctggccatgt	300
ttgagggtgcg	agagttcagt	aaagagggtc	gatttgagaa	cccggctgcc	agcctgaaac	360
ttcccagagct	tacctgcagc	gcttgctgct	tgattcgaga	tctagacctg	tgccgcgatg	420
aagatgtcct	cccggatcct	ggatctgacc	caagcaaggc	cgtgacgaag	ccctggcgct	480
gtcctttctg	tcagacagaa	tatgatagac	tggctcagga	agagatcctt	atcggccagg	540
tccatggact	gatcgttggc	tggcagacac	aggatttaaa	atgctccaaa	tgtggagggc	600
tgaagggttag	cgagttcatg	gagcattggt	cgtgcagtg	caaattgggtg	gaaaccatgg	660
accgtgcaga	ggcggaaaaag	aaacttggag	tgctcaacag	tgctgcgaag	tttatgggct	720
taagctttng	agaatgttgg	gaacgagttc	tagacaaata	tn		762

<210> 6246

<211> 718

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(718)

<223> n = A,T,C or G

<400> 6246

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gatgcccctg	aagctctacc	agcaccggaa	gaagtgggtg	tggctgttcc	tgtgaggag	120
cctaagaaga	aatctgactc	aacaggagca	aaaaagccgc	gaacaagago	gcccgaacccg	180
ggtgcgtttg	ccatgtggat	ggcgggtggg	aaccgtaggt	tcaacaaagc	tttaaaagtg	240
ggaaaaaagc	ctagagtagt	cctgcaacac	gggcttgctt	ctcgtgttat	gtgataggat	300
ctaagctttt	agctactgcc	tctagtctgc	gcattgcgat	aggtatagcg	tgcatcacta	360
cttttttcca	qctaagcccta	aagcttagat	cgcgatggga	agtgaacgca	gaacatgtca	420
atgggttttg	tatgttctgc	gatattctac	qctgattaaq	qcaqccctgtg	qcgaaatquta	480
gaagtttgaa	cttgatctat	ctaagcttct	ctgggggggg	atggcttttc	ctctogcata	540
gccgagattg	gtttctcatg	cctcagggtg	gcctcgcgcg	cccaaatcca	tttacatttt	600
gtttttgttt	ttagcttccc	cttcccttcc	cttctttgat	agcggngaaa	caaggagcac	660
gggaggcatc	tgtggtatta	aaaaaaaagtc	gtggcatgct	tctatcaaaa	aaaaaaaa	718

<210> 6247
 <211> 685
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6247
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 cattcttgct cccgatcaaga caaggagtc ttcgctctgc atccgcatat catccacacc 120
 ctcttacttc ctttgtttct gctccaccac caagcctccc gtgtcgccgc tagggcgctg 180
 cccagccgca aagcagcggg atcggaacgg gcatttcgag gggaagcacg cagtgcgtat 240
 gcctggcttc agtgtatcct caccgaggag catgattggg acctgaccga acgatgcccc 300
 gcttgcatcg tcccgacagt cttacattcc gaaccgacta ttcgttttgt agccgtggct 360
 tgccttctgt cccgaccact gcaaggctctg gacttgctcc acgggaaaaa tcggttgccc 420
 agtltcgaat tctggcttga ggcattagaa acagctgttc gcgaggatcc tttctggggc 480
 catgacctct ggcctgatat tgagtaccgc gcgtgtgctt tgaccgacgg tgtcaagcaq 540
 ctgggtgctgc agtgccctgga actccgatct gcggtgggac ggcaaaagcca ccaatcccag 600
 gcatacgatl ccagtgtctc ctttcgtctg gagtcatctg ggcaatcaaa ccaccaat 660
 atgaagccat ctgcgcctac attag 685

<210> 6248
 <211> 619
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6248
 cgagggatct ttctctccca atctacctca ttacaaacca aaaaccacca tgtctttcca 60
 tcaatcttgc gacctcatcc ggatcgaagt cccgtggcgat catactgtcc tccctgcgcg 120
 agctaagaat ggtgatgggg atgaaacagt tcccgcggag attgtccttg acgaacagat 180
 tggcaacggg gatggttggg tcttcgcgg gggtgagaat ttcacagaaa ccgctcatga 240
 aatcgaattg gagttccggg aggacggtcc ttggttgact gcattctctc ccgaagtcca 300
 tggagaagat agagagcgtc aggggaattaa tctggctgac catattggga atgactgtgg 360
 ccgacttgta tgggcttaac tggactggag caataatctt gtaaggttca cggcggcagc 420
 ggcagcggta gcggcagcgg cggcttcgcg tctttctgac gacttcccg tctgtgtctg 480
 gcgcttgctt caggcagttt ttaccccgcg cctagagccc gaatggctgc ctgatgccta 540
 tacgggttaga ttctagggag tcaaaacctc aagcgattcg ttctgttcca attccaatat 600
 attcttctt tggttcctg 619

<210> 6249
 <211> 650
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(650)
 <223> n = A,T,C or G

<400> 6249
 gcccaccatc ccagaccag gtgaagcagg acccagagtt tttccctccc ctgcccagg 60
 agcccgctcc gcagcgatcc accaagggaat ccactgaact gcgcaatccc cgggatcatc 120
 catactatctc tttgcctact cacaatgatg gaaagtacta ctgccctttt gccaacggag 180
 accagccttg caaccacgct cccaccaccc agaagtgtgc ttatcataaa tatctggatt 240
 cccacctgaa gccatacgt tgcaagggtc ctgcctgcat ggatgccag ttgcaattct 300
 cttccaatgc atgcctcttc cgcacagagc gcgaagctca tggattccat ggccatggag 360
 accaacctca cctttgcctt rttgaaggat gcgacccttc qattcccgga tatggatttc 420
 cccgtcggtg gaacctcttt gaccacatga ggcgcgtcca cgattatgct tctctgacc 480
 gaccacagctc ccagatgct tcccctaacta ccggccaggc tgctaagaag aaangagccg 540
 ttggacgcaa gcgtcgggtg actggcgttt ctggagcgca gaccatgaag cgcactcgct 600
 ccaccagtc ccagaccacc cgctcaaaaag cggccagcag acctccgcn 650

<210> 6250
 <211> 529
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(529)
 <223> n = A,T,C or G

<400> 6250							
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cggaggcttc	cagttatcgt	gacaatcacc	gcgcaagttt	gacatcaagc	gaactgttga		120
accgggacac	cctgttgctc	ctcttaacat	atcttggttt	ctccctgtgc	aacgttgcc		180
acaatgcgct	cttcccgatc	ttctcgacag	ctgctcctcc	cactggggcg	ggctttacac		240
cctcagaaat	tggtcttgcg	caaggatttt	ctgggtttcg	aacgatcacc	tttcagatct		300
gtatcttttg	aaagttgaga	gataagatgg	gaaatcggtg	gtcctatcgc	gccggtctnt		360
ttggctttgt	ggtttccctt	atcctgatgc	ccttcattgg	ctacaagggt	aacgactccg		420
gaggcctgtc	tggtaaaacc	gcgctcttag	ccgctgagct	atgcttcgtg	ttactggtaa		480
agaacaattg	cacttggggg	nggaataacc	agccccactg	gtactattn			529

<210> 6251
 <211> 682
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(682)
 <223> n = A,T,C or G

<400> 6251							
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gtccagtttt	gcaaaccgca	gcttcaatac	ccccagcgaa	aataataaag	agggttaactg		120
gggtaatgat	acaacattcg	atgccaaaca	gacgcaatct	cctgggtctt	cacttcccac		180
aagccgacta	agccgactcg	cgtcttttacg	ggcccaaaga	ctgcaaaccg	acgatgaacc		240
tgccgagcac	cgaagccctc	acggccggtc	aatatcaaga	agcatgacgg	atatcagtaa		300
ccaaagctcc	cgatatcggtg	cacccccgcg	ccagcgattt	tcccagggat	tcgctgcacc		360
tcaagcacca	cagcctcagc	aagaccagac	tcccaggtac	tcagcacaat	ctcagcagtc		420
gcagttgccg	caacccccga	cgccaactgc	ttcgcagtc	tgcatccac	tgccgcagaac		480
cgtgatgact	ccggtacat	ctcngtcaac	atncaaccgg	gtctcgtcgg	atgggttgcc		540
ttcgggattc	tacccccgaa	aagccacgac	gatgcacttt	ctccctcgac	agatcaattt		600
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gtttgaaccc	ccggagttgg	at					682

<210> 6252
 <211> 701
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(701)
 <223> n = A,T,C or G

<400> 6252							
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acaactcgga	gcggcccaag	gtcctccacg	aggaccggtt	acctcacgtt	agcgaggagg		120
ccgcggagat	aagcaagatc	atggacaaga	aatgcgatgg	cactcccgcg	agtcggaggt		180

tggagcaagg	aacgcctatc	tcagagatcc	tccaacggga	caaagaagcc	cagaaacata	240
tgcccaaggt	catgcaagac	cagatcaaat	catcgactgg	tactcgctcg	ttctcgacat	300
ccactcgccg	gagccaggca	gaattacatg	gccaaggaaa	gagcttcgat	gagcaaacgg	360
ccgcagtgat	ggccagcatg	atctctcagg	tcaaccagca	ggctgaggaa	tttcatgatg	420
ggatcaagtt	tgacccagtc	gagacccttc	ccaagacaga	gaacttcgcg	acgagatatg	480
actcgctgct	cgaacaattt	accaaactct	taatgacgga	tggcaagctg	agtaggcgcg	540
anaaggatat	ggcgttcatt	ctggaccacc	tccggactgc	tcctccgcct	cagcccaacc	600
ccaagcggcc	tctgctttct	gggacccccg	ccccacagct	tccactgaac	cctgttctat	660
atctcacctt	gattgcccac	tcogttgctc	ctctgatcaa	a		701

<210> 6253

<211> 1262

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (1262)

<223> n = A,T,C or G

<400> 6253

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tcgcctgcgg	taccctcgaa	agcgcccaaa	agcttgctga	gggtttcaag	aacaccacgg	180
ccattgcctt	agatgtcaac	gatgccgacg	ctctcgacaa	ggccctcgag	caggctcgacc	240
ttgctatctc	cttgatccct	tacaccttcc	acgcccctgt	tatcaagtcc	gctatccgca	300
ccaagaagca	tgttgttact	acttcttaacg	tctctcncgc	aatgctcgag	ttggacgaag	360
agtgaagaa	ggccgggtatc	acagtcatga	acgagattgg	cttggacctt	ggtattgacc	420
acttgtaacg	cgtaagact	attgacgagg	ttcatagggg	aggtggtaaa	atcacctcct	480
tcctctccta	ctgtggtggt	ctccccgccc	ctgaatgctc	cgacaacctt	ctgggctaca	540
agttctcctg	gtctagccgt	ggtgtccttc	tcgctctccg	taacgcgcgc	aagtctctaca	600
aggacggcca	ggaagtcagc	gtcgccgggtc	ccgaccttat	ggctaccgcc	aagccctact	660
acatctaccc	tggtctcgcc	ttcgctcgct	accccaaccg	tgactcgact	ccctacagcg	720
agcgctacaa	catccccgaa	gccaagacca	tcgtccgtgg	tactctccgc	tatcaggggct	780
tccttgagat	gatcaagggtg	ctggctcgaca	tcggcttcct	gagcgatgag	cccgcgcact	840
tcctcaactc	ccccatctcc	tgggaaggacg	ccaccaaaaca	gatcttgggt	gccacaaccg	900
ccgcgcagaa	ggacctcgag	tgggccatcg	cctccaagac	ctccttcgcg	aacaacgagg	960
agcgcaaccg	cctcatcgcg	ggtctccgct	ggatcgccat	cttctctgac	gtgcagggtca	1020
tccccgcggg	taccctctc	gataccctct	gtgccacact	cgagaagaag	atgcagtaacg	1080
gccccgagga	gcggtgacatg	gttatgctgc	agcacaagtt	cgaaatcgag	cacaaggatg	1140
gctccangga	gacacgcacc	agcaccatgt	gcgagtatgg	tgtgatcggt	ggttactctt	1200
gcattggctaa	aactgtcggt	gtcccatgtg	gngttggtgg	ccaaattggg	gcttgatggc	1260
ac						1262

<210> 6254

<211> 680

<212> DNA

<213> *Aspergillus oryzae*

<400> 6254

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gatggagpag	caaatgcagg	agttggtaga	cagctatttc	tgcgagtggg	ccgagactat	180
ccgcgaaccg	aagcgccgca	aatacttcca	gcagtttgcc	aacaccgatg	aaacggttga	240
caagggtgaa	cttgtaaaag	aacgtgatca	agagcggccc	acctactggc	cgagcgagggg	300
cgcaaaaggag	gatttcaaaq	gacatcaqtg	gtgggtctct	tcctggcagc	cgatcaccac	360
agetgatcac	ttctccgatg	gacctcctgc	gatctcttcc	gccaatgtca	agcggggcga	420
tactcagctg	gcaatcttca	aggtcaaggg	caagtactac	gcaacgcaac	agatgtgtcc	480
tcacaaacgt	gcctttgttc	tgtccgatgg	cctgattggc	gacctgacg	ccggcggaata	540
ctgggtatct	tgttcatacc	acaagcggaa	tttcgaactc	aatggccaac	caaccccgcc	600

gtgttcaaac gatgaagcta ttaatatcc aacotttccc gttgaaggaa cggaccaatg 660
cttggtcctc ttgaaattt 680

<210> 6255
<211> 682
<212> DNA
<213> *Aspergillus oryzae*

<220>
<221> misc_feature
<222> (1)...(682)
<223> n = A,T,C or G

<400> 6255
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ctacgacaca tacanogot acacacccac ataatctgag ccaacatgtc qgccaqtcca 120
gagatcaaac cggctcgagga agaccccggtg caagcgcta ccccggggr cgggatgac 180
aaagcccagg gcgtcgagga aacagccgcl gccgacttgg acgcagcaga tgaaaaggac 240
aacgggtccg atgacgagtc gattctgtcg gaggtagaca aggcgcagtt cgaggacttt 300
gacctgaaa atgtcgacgt ctaggaccgg ccgcanttgg cgatagatga ggataatctg 360
aagcttattg gacggcataa acggaaaagg actgaggatg gggagcggcc ccaccaaga 420
aggagggggg gggggagaaa aaaatccccg gatgaaggaa ttggaggagg ggggttaatc 480
atccccatat tatcatgaac ttacggtga gtcacgaga ggtaaagatg ggggtactac 540
gatgacaaga taaggagagg acgaatgcgt gtaaatcata tatagtatat tcgaatataa 600
ggagattatg ccgatgctca tcataaggag gatgtgggat gattccgagg atttattgtg 660
gttgatgttc tctaattgtag cc 682

<210> 6256
<211> 696
<212> DNA
<213> *Aspergillus oryzae*

<400> 6256
ccggacactc tgagcgttta acaagtctac cgaagccaaa ggtcgcgaat aagttcggag 60
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cttcagcagt tgcgcocgto ggtagcgcaa gcagaacttt tgcagatgag ggaggaaaga 180
ctcccgacac actttgggca gagagaaaag cgaaggaacg gggacaagct actgcatctg 240
atgtaccacc attggggcac gaggagccct cgcttcaaac acagcacagc ggcagagccg 300
agtggaagag ctcatacagc ggtagaacgt ggacccctgt tcagaccaca cacactggaa 360
agtctctcgg cagcaataca tctcaccagg ctacggaccc tactgcaaac gatgccacgg 420
caacagagcc tcaagtcccc caaagtgtca gtgctcttcg agaccaattt gcggacaagt 480
cacttgatga ctcggtccc gaggttaggt ccgatgagcc gtgggatata agacgttctg 540
tacctcttgc ccgtttacca acgggacctg ttgcaccaga agctagccag gagcccgaag 600
ctcaccgaag ggtctcgagc ccttctggca agctcggtcc cctacttcaa cccctccagt 660
acgggaagca ttcgtatcc gtgttgccat gcctgt 696

<210> 6257
<211> 737
<212> DNA
<213> *Aspergillus oryzae*

<220>
<221> misc_feature
<222> (1)...(737)
<223> n = A,T,C or G

<400> 6257
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aaacttgatg cgacatcggt tcccgtagga cctacccctg ctgctgttgc gaatagtcca 180

aacgggtcata	ccactgctcc	cgcagctggc	aaggataaac	agcctgtctc	agctggatct	240
ggggcgctca	acgcaaacac	gacaccaacc	attcctgagg	agcctacagt	tgagaatcct	300
ccacgacgca	aacaggaaca	agataaaagag	gaggaacgcc	gcaccaagaa	acttcttgaa	360
gaggaagaga	aggcccgcg	caaacgccaa	gccgagatcg	acaaagaaac	ccgtcgtctt	420
cagagacttt	acggtgagga	agaacagaga	gtccgccact	ccactccgtc	gcttccgcca	480
aggccattac	aatcgccctc	gccatcagag	cggccagctg	ctgctggacg	tggggccccg	540
gctcagcggt	actaccatac	tcaccacccat	tcacctcccg	tgccgcatac	cggacatacg	600
ccgtacctnc	agacccctgg	aggtaatcca	cacaggcagt	cagtagcggt	ccttgcgaca	660
cagccacaac	cagtggcggt	atcaaagccg	caanaatgca	acagaagaag	agtttcttcg	720
gctccagaag	tcacccc					737

<210> 6258

<211> 1257

<212> DNA

<213> *Aspergillus oryzae*

<400> 6258

aacagaagag	attataagga	attaggaana	agaaaacatt	ttttcttagt	tcacttccca	60
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attccggctc	atcgtttacg	atactgctat	atatccagcg	acccgcttga	tatctgctat	180
cattgagtca	tcgagccctag	atcggctggg	tagatacacc	gcccacagtc	atacagcaat	240
tatgccagca	accggaatt	accgggtcgt	tgagcccat	ccttccgttt	cgcgcccagc	300
tcttcataca	gctcgcggcg	gcgcaggcaa	catcatcagc	ctgaagaaca	ccaagaccac	360
cccttcacag	acggccaccg	gtcccccctc	cttgacacgt	ctggactctc	acgtccctcc	420
cgtctacaag	tcgggcccgtg	gcggtgctgg	aaacgtccac	agcagcagtg	agcgcgccat	480
cttcagcttc	gacgaggaac	tcgaacggga	ccttcgtcgc	gccgctccag	tctaccacgt	540
cggccgcgggt	ggtgccggaa	atatggtcta	cagcgacaat	ggaagcacc	tgagccgcaa	600
gttctccgcc	agtagcaatg	ccacgtcag	tagcacgggg	tcgaccagct	ctactcgga	660
gaaggccctg	cgcggcttag	agaagggtg	gggcaagtgt	agaggaatgg	catagagacg	720
ctttgcaaga	cacattcgca	tacggcctgc	cgctcctttg	ttcgagcggt	ctcgattcgc	780
catttcgaac	atgaaacatc	acgacttacg	accacaccaa	aaaaagtgtt	tattttccac	840
atTTTTTcaa	tctccttttt	ccaattaaaa	ttcatttggg	atTTTTTgaa	ccccctaatt	900
caaaatccct	ttttaatttc	gccaattggc	tttttccaaa	gaaaaaagca	aatttgttta	960
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caaccggcac	tttacttttt	tgactgccta	ttcagggtca	attaaacctt	gtttcaaaaa	1080
atTTTtcact	tccaagtgtt	cattattaaa	aagtacgccc	ggttttggaa	cgggcaaaag	1140
ggctttttcac	gtccttttacc	ttttaaaaaa	aaaatttccg	aatggaagac	cgttgcttta	1200
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<210> 6259

<211> 682

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(682)

<223> n = A,T,C or G

<400> 6259

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cctgagtgc	gattctgact	tggaggaaaa	cgactatgaa	cctgcctaca	caccogttcg	180
tcgacgtgcc	ccgtcgcgg	tgccattgt	tcgagagana	gaaatcgagg	aggactacga	240
ctccgactcc	gaactggact	tttgaataga	ataaccgaa	ggcttgggaag	gaactgggtt	300
taacccgltc	gcatttaacaa	caaattccgc	ttgacctgcc	gtttgattcc	aagaaggatc	360
cgaaggagga	ttaatggctt	ccttcccccc	ggaaaccaag	gttgaaaatt	ttttttgaaa	420
agcaggccga	acttaccgac	tttcaatggt	cggaaatgga	tttggaggcc	ggtattttact	480
attgaaacac	tctcgaatac	aaatattgtg	ggctctttta	ccttctctct	gtttgagcaa	540
tgtgtctatg	tgctatcct	ctttgtgaga	acctctctac	actcttgtgt	gtgggttggaa	600

gattgggttca	agaacactta	tttttacggg	tttggcgcggt	tgggtctgaa	aaaaaaaaaca	660
tatttattgg	tggggaaatt	tt				682

<210> 6260
 <211> 700
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6260						
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ccaagaacaa	gaaatcaaaa	agaatgtca	aggacaacaa	gccccaaagat	aaactccaag	180
cccgtcagaa	agctgctaca	gacgatgata	cccccaaagc	atttcgccgg	ttgatgcaat	240
tccagacaca	aggaaagcag	gcgccatcga	aaccaaatac	tggcgagagt	aagaagcgga	300
aaagaggggc	ggaaaacacc	gataatgcga	aacaaactac	gcgcaagaag	tctgccccctg	360
tggcgatagt	ggaccagagt	accgatgtcg	aacccccaaqt	qaaqccqaaq	atccttccqg	420
gagagaagct	gtcagatttc	gcggcgcgag	tagatcgga	aatgcccatt	gntggaatga	480
aaagatctgg	ttaaccgcga	aagtcggatc	tcgctgatat	ccgtgagcat	taagtaacca	540
aacatgagaa	acattttactc	cgactacaat	caatgtgggg	ggaggaagaa	gcagaaattc	600
aagaacgtga	agctgttgac	cgtgaaaagc	cagaggcata	actggtagac	cattagaatt	660
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<210> 6261
 <211> 692
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(692)
 <223> n = A,T,C or G

<400> 6261						
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atagatccag	tggtaacgaa	acgggcgtag	gaagtcggaa	ttatgggact	ttatgtcgcc	180
catccgccac	ttttgactat	tccgcgaccc	ctgtagactc	aataccacgg	ccatggggacc	240
atcagcgatc	ccgttccggg	cacaggcata	cagagagaca	ggacaaccca	gctggtagcc	300
gacacgaacc	tttactgtata	tcaaacacgg	aactaagaac	caacgtggca	acagaacgcc	360
ttcgacgaca	aagacaggtt	gtcaacgaaa	cacataatcg	aaaccacccg	cggtatcgac	420
agcagatatt	aggcatcgac	aacacccgct	cgcttcgctg	gattagaagt	atcttanacg	480
agcttccaga	ccgcagtttg	ggagttgggc	aaagatatca	ggagccaggg	actgctgctg	540
gaattgggtg	gtgtgcaaac	agcagaacat	tgtacgtcgc	gactgtcgat	ggtatatctg	600
aataccagct	taacatttgcg	gactcggaaa	cattccccgt	tggttaattac	cgctagatca	660
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<210> 6262
 <211> 637
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6262						
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aaatgggtgg	tcgagcgacc	ggagtaaagg	atgggcgcct	attgagccgg	cagatcagac	180
gacagaaacc	atgttcacgg	acagctcctt	tgtgaatata	tttgatcgct	atgttaggcgc	240
tctttgtcct	cactcgtcaa	aggctcgatc	tcgacgaatg	tgggaccgac	accacatatg	300
cataggctgt	attcgacccc	actccatggg	acaatttcct	tcgaactgga	cggtggctac	360
tgatatatgc	caccaacctg	accttgcctc	ctttcacgga	ttctttgtgt	cgcctgcctc	420
attcaagggtc	acccaagatc	ttgccccagt	atttagccag	agcacaattt	ctggatttgg	480

cgacatcatt	ttccctagtc	cgtggaacta	cgtggataag	ataaaaatacg	agccttctga	540
agagcaccgc	gatctggact	atgtggaaaa	agaaaaccgc	cttttttggg	ttggcggcac	600
gtcggaaggg	gtgagtcgcg	acgggtcaatg	gcaagggg			637

<210> 6263

<211> 888

<212> DNA

<213> *Aspergillus oryzae*

<400> 6263

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aacaagcgag	acaagtctct	gccgggacta	aaactcgaga	agcaacttgg	gctgcctgtg	180
tgacaggcct	tagcatcagt	tcaattcggg	caaccttata	gaggtctagc	gacacaagat	240
gtcgagcgac	aagcctgaag	ttactgaagt	aggcatgggtg	gcctcaccgc	ctgccacaaa	300
acctagcttc	aaatctcgcg	tggcgcccca	ctttaaqaaa	tqqtqqtqqq	cgcacctcat	360
cgcattcgtt	gtagtgggtg	tgtgtgtggc	ccttcgggtg	gtatatgtcg	gctatccgaa	420
catcgacag	gacaacatta	acgactcgaa	attggaagtc	aagtcgatgg	ttatcagtga	480
gccgacaccg	aattcgttcc	atgtggacca	gcagcaggtc	atctggacgg	atagcgtggt	540
tcaccaaac	atctatagct	ttaacgcaag	tgttggtcta	ctgggcgcag	ctgcattcgg	600
tgtcgcgact	attccgcaac	ttaagtctag	ggacgggggtc	gaggtgcagt	tagatcagcg	660
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caccgtgacg	tacaaccaca	ccgtacttat	gaagggccta	aacaagctta	aaggattctc	840
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<210> 6264

<211> 642

<212> DNA

<213> *Aspergillus oryzae*

<400> 6264

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atgagggagt	gtactatcca	attagctctt	ggggtatatc	taaataaagc	ttggcaataa	120
acagtgtacg	aagacttaca	gttgtgaagg	aaccgtgcct	cctgtattct	ataatggcag	180
tggcgagtac	ccactggggc	tgtacccttc	catcggaccg	aaggcgtacc	atagcagcca	240
cacgttttct	acacaaggcg	acccggatat	accgacaaag	tcttcagcaa	cccacgggcc	300
gagataacat	ggacatgctc	atcacaagct	gcctcctgct	cggaatgttc	tccttcctcg	360
ccgagacgac	aagtcgcgtc	gattcctggg	ttttctcaga	tgaccgcgac	agtatgaact	420
ggctctccgt	ccaatgtggc	cttcgctgtc	tcctggagat	caccaaacca	tggatggacg	480
acagcatctg	gaatgaacca	tgccaggaat	cgagcaacta	cgaatatgcc	gatgatcacc	540
gagtggggcg	ggaggatctc	gatcccgaa	tggcggaact	atgccatata	acggacacca	600
caacggaaga	gacaaacccc	taccattggg	ccttttctat	tc		642

<210> 6265

<211> 738

<212> DNA

<213> *Aspergillus oryzae*

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<222> (1)...(738)

<223> n = A,T,C or G

<400> 6265

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caagcaaaaag	cagtccagca	gattcaatca	ggcgacgaaa	ctccccaggg	ctgaaggcta	180
aagaagctgc	agagcacaaa	cccagttcct	cctccatcac	catccaagaa	gcttcccttc	240
caacaccaga	gcattgatcaa	ccaaacagca	cccgcaagcg	agcaacagat	gatgccatca	300

gcaagaagcg	ccgagcatat	cccatgctcg	ccctaagccc	agcccagatc	gccataatcg	360
agtcgctcaa	ctccgtggga	ttccgcaaat	acccgggtcta	cattcacaat	caccgacata	420
gccatgcagc	gatcatcggtg	cgggccccca	aaccgggctt	cgacaaaggc	aaagtagtca	480
tcaggcattg	gctcgatacc	gaatttcaga	tctaaacggg	gacccatcga	aatgcgggg	540
tgcggaata	gtcgcatgg	tgacccccat	cgagtcctcg	tataggcaac	atcgaaaag	600
cacacggtta	ctaataagcg	ttctgaatgg	atccgggtacc	tcgcgcttca	acgacgcgg	660
ntcctgtccg	gntctcgga	tgaggggggtc	atgtttcatc	ctcgtcgata	tcaacctac	720
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<210> 6266

<211> 756

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 6266

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ttaatcttca	tctttccgtc	tgaacccgct	ccaaaacgcc	tgcatactga	tgcataatcc	180
taacgacaat	cgccaagcaa	tgcgatggta	tcataacttc	tctcaatcc	aagtatatat	240
aaaatcaaaa	aagagcagag	gtcataagat	aagagctctt	ttcccccagc	ctagatctac	300
ttgcccagca	tcacacccgc	gccccctcatc	aagacgatgg	tgtgtccaga	ctgcaccttc	360
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agtcgttctt	tttcgtccgc	acgattgttc	acgttctcca	cccgcagtcg	ccgcgcgcga	480
tgcgtccagaa	ctgcgccgac	cttccaccgg	ctatcgaagt	agaagtcgcc	attcgggtggg	540
tccacctctt	gcgtatccga	tgtgccgacc	acatgtagat	agagccgttt	gtcggcgggg	600
acattggcgt	cgcccttggc	agacttcttg	agtgtattca	gctggacagc	ccgcgcgcgc	660
ggactattcg	gttttcgggaa	acaacgggta	actatTTTTT	gcgggcccga	gtcatctgtt	720
ctgcgttggg	atggaatgtg	gcgaccaaga	tcggan			756

<210> 6267

<211> 658

<212> DNA

<213> *Aspergillus oryzae*

<400> 6267

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tcttacgctc	tctttccctt	cttctacctt	cggactctct	tcctctcatt	ctgtttctct	180
gtatattctt	ttcattttttg	gggggtatag	aaaagtcata	gcaagcgtcc	atggataact	240
atcgggatta	cagcagtatc	gtccattcac	cgccattcac	tttctgggtc	ggcgccaacc	300
acaccaagtt	aaccgttcaa	tcgggaacttg	cccgctcatgt	ctcccagccg	ctggaccact	360
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atgttgagac	ctttgtcgcc	ttctgcgagt	atgcctatac	aggtgactac	agcgtccctg	480
gcccggacaa	ccgagaggaa	taccaagaac	aggtcgtgaa	caaccctatc	aagggtgtgt	540
tctctggaga	gactgtctctg	gcgagagctg	accccaaaac	cagcgacgag	acccacaacc	600
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<210> 6268

<211> 1315

<212> DNA

<213> *Aspergillus oryzae*

<400> 6268

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cactctttca	gctgttcacc	tcgctgtcca	tctgtttctc	tttaccagcc	cggtccattg	180
tgctctgcga	ccccgtctct	tcagaccgcc	cgaccgacct	gatacattcc	ctctttttgt	240
cttgaataaa	ctacgacttt	tacaagatag	ttaccctggg	tattgttata	ttctttctct	300
tccagtaaaa	cacttggtcg	gaaagtgtat	acgacctgga	tccctattga	attatacttc	360
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gttctttgtc	acgatgagaa	gaagagactc	atggagaact	cgtcaagccc	cccaccagc	780
ccagtcaccg	agatccgcct	tacgttcccc	gaggaagagg	atgaatctgg	aaagcgcaaa	840
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catgacgaac	tgccaccata	tcagtcaggt	gatgcggagc	gtttccagtc	cttggacatt	960
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tgataaactag	ataaccagcg	cctgtctatc	tatccgtgat	acccctttca	aacctcttac	1080
tcttcgacga	tctcaaaaag	catgacgaca	tcccgccgaa	gatttttttc	cggttcttac	1140
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cctgtctgacc	actgcactcc	taatatctcg	tgattcgggt	tttcactctt	gtcctgctgg	1260
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<210> 6269

<211> 854

<212> DNA

<213> *Aspergillus oryzae*

<400> 6269

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cggccagtta	tcagtgtctg	tacctggaac	cggcgccgct	gtgccccaac	catcactcgg	120
tccgggataa	gcaggcggag	ggacatcagg	ggtttcgggg	ataggataat	tctccaatgg	180
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accaatcgca	aatccaataa	cggcagccga	aacttcaata	ccaatgcccc	cctttttcacg	300
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ttcggccgcc	ttaaagcgga	tttggatcgg	ggttgccggt	atggcgtatt	cggttcgtgt	420
ggttgtccgt	gtggcatcgg	tcatggtaag	gggaatccta	gtgttcaatg	ggcgagtaca	480
gcggcccttga	cgtttacatg	cgaaattgtc	tggacaacac	atagcagtcg	tctcgatacg	540
ttgtttggag	gttggcagtg	tacaggtctg	gtatcctgcc	gggcacatcc	caggactgta	600
gtaaacaatc	tctcgccaat	ttggtgggca	acactcgttt	cctccgggtc	cttcacatcc	660
catttcgagc	ttagggatga	tgtcatagaa	ggctctcgtg	cgaatatcgg	aacatgaggg	720
tggaggggta	aagcgtgtcg	tgagcggggc	gatgtttgtc	gccgtgggat	ctagcctcgt	780
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<210> 6270

<211> 673

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(673)

<223> n = A,T,C or G

<400> 6270

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ttctaccgtg	ttatgctggg	aattgctttg	cagtcactgc	agcagctcac	tggcgccaat	180
ttctctttct	actatggtaa	caccatcttc	acttctaccg	gtctgaacaa	cagctacgtc	240
accagattta	ttctgggtgc	cgtaacttcc	ggcatgaccc	ttcttgggtc	ctatgttgtt	300
gagcacttcg	gcgtcgttaa	tagtctgatg	gtcgggtgct	cctggatggt	tatctgcttt	360

atgatctggg	cctccattgg	tcacttcgcc	ttggacttgg	agaacctcc	caacacctcc	420
caggctggta	ctgccatgat	tgtcttcaact	tgctttctca	tcgtcggctt	cgccaccacc	480
tggggaccta	ttgtgtgggc	tatctgtggt	gagatgtacc	ctgctcgcta	ccgtgctgtc	540
tgcattggtc	ttgccactgc	cgccaattgg	acctgggaac	tcctgatctc	tttcttcacc	600
cccttcactc	tcagcgctat	cgacttttgc	tacgggtacg	tctttgcagg	ctgctgcttc	660
gncgncgtgc	ttg					673

<210> 6271
 <211> 1031
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1031)
 <223> n = A,T,C or G

<400> 6271						
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ttcagccgtg	acttttaacg	cggggctctc	cccgtctcga	cagccatctc	catctgcagc	180
cagagccgag	aatgaaccga	taccgctgg	acgggataat	cgttcggaac	ggctgggtatc	240
gaatggctcg	aagaaccgtg	catcggtgcc	aaatggctca	tcctcccaac	caaatgcacc	300
ctcagaccgg	tcocatagcat	atggtagtct	gactaagcgc	tcgaattcaa	ccggcgcagc	360
ttttatggag	cgaaccaacc	ggcgtgcttc	tggaatcaact	ggccgaccca	naagacatag	420
tttgcgttcc	agtccctcgc	aattggacca	gaatgganac	agcccagtg	aacaaagtat	480
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cgatggttat	caactacacc	agcttgaacc	gtccgatcta	aaggctaaac	agctgagtcg	600
aagcagctcc	acaaggagat	gccgacgccg	gctgagcagt	atttttgact	tcctgacccg	660
aaagcaccac	taatgaagcc	cggtgtttct	acgctggctg	gtggaccagg	tttcatacgg	720
ttacatgaca	cttaattcga	ttctacgctc	cctctagtag	aggtgaggag	gagccccctt	780
atgggctcat	ttttgaacat	actttctttc	ccggtggcca	ggtgctatga	agggatttta	840
gggaaaagct	caaaacaatt	tgctcacggg	ctccgtgggt	tctgtcttta	cacaatactc	900
tcacctcttc	gcagcgctgt	gatctttgac	gatcaagagc	gactgggccc	ttcattttcg	960
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ggccttttac	t					1031

<210> 6272
 <211> 552
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(552)
 <223> n = A,T,C or G

<400> 6272						
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ttgagatcct	gcagcaccga	ttctcttttg	tggactgct	tgatgcaatt	ggcggactgg	180
aagttgggtc	acggaaacttc	acaggcggtc	tttctacaac	gcttcttctc	cagaccgggc	240
ccggatcttc	agacagcctt	agcagcggat	ccgacgagcc	aacatccgtg	cgcgagctca	300
ttgtgcagag	acttcgtgca	gaagccggtc	aggcgatctc	cacctcaaca	accaccgttt	360
ccctcattga	catccggcct	tcccacgtgg	gagacttcgt	cggtaatcag	tcattctggc	420
tgaggactcg	gaataagcta	tacaaagatt	tgaagccgac	cgaaccggcg	aaaaattata	480
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tactgcgacc	ga					552

<210> 6273

<211> 670
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6273
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 agaacgataa tccctacagt agcgaagttg ggaaccacca ctccaacggg attgttgtct 120
 taatctcatt ctgctgtgca cttggcgctg tgttcttgat tgtcatcgcc ggggttatct 180
 tcaataagat ccagcggcgt cgtcagggtc acatgccggg accgcaggcg tacgggaccg 240
 atcggctcttc gagcatgcgg cggctgcctc cggagtaact gttcagcact ctgaaatcac 300
 tgaacccggg cagcggcggt atctgaacgc ctgagtgcgg atccgtccat cgcacgcgat 360
 ctaaattgga cttctttttg accactcaga cggcgcttct tgggcagaaa accgtcttat 420
 acccgtaatt taatcctggt ttacgttttg catctctact attctagttt tacctctccg 480
 gggtatcccg gacgatgcgc tgttcaactc ttttgccctg aggtgcttcg acatcctcgc 540
 gtgtttgate tctacctttg acccgacctg gacttgtcta tataaacctt ggtcggccgc 600
 gtggtttctt ttcctgaacc ccttgggttg ttgatgtttg gaccatagtc tttccctgac 660
 accaggaggg 670

<210> 6274
 <211> 638
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(638)
 <223> n = A,T,C or G

<400> 6274
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 acaacgcaat gaccaataac actagcaatg agacgacact cccatccaag accaacagac 120
 ctaacaaaacg gccaaacatt gacgagcgct ctgtcaacga acggggccaat aaacaggcta 180
 ggacagccga gagagattcg acctatgtgc ctgaggaaga cccagaatct ccggataacg 240
 gagatattca tgaggatggc tcatcgagcc ccatgcatgg tcgaacgaga agttcgggtga 300
 actccttggc aaagcttaga gcccacacag tcgcaacaca gccgatatct caaagttcca 360
 gaaataccac aagcttacag acaagtgcac cggataaaac agcttcggag tcccttagcc 420
 aggctaaaca aaccaggggc actgagaggg tcatgggctc tgctcacaat aacaagcctg 480
 tgccgaccac tacagcgatg cagggatatc gtctgcccac agccaatcca ggcaattccc 540
 cttctaaagc ttccgagccg gagcgggcca gtgcgcanat agaatgcatg agttttggca 600
 cggcgcaaga actatattgc agcttggtga aaaccatt 638

<210> 6275
 <211> 675
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(675)
 <223> n = A,T,C or G

<400> 6275
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 acgcggggtc gcatgggctc ctattgcccc catcacccgc atcgctcgct cgtccagtea 120
 agctcttcca gtttctctta atacctctt aggcgcggca cagcatgtcc gtcagcgcgc 180
 ttaactctca tcttcttctt caaagcccag cgaagggtcc aqaaaagtgc acgtctcttc 240
 tcagaccccc gcaaagggcg tgaatgcaag cgaaaaagct gagggtaagg cttccagacg 300
 aaggggaaaa gatagcagtg gccgcaacgg ctccaagtgc aaccagcata cggctctctc 360
 gagactgcct agcgttcctt ccacccaaca ccttcaaccc catgatgttc atgtagcttc 420
 attcttttct atccatcgac ctatctccgt ttcgaccact gttctctctc cttctagccc 480

tgaagcattt	gatgccatat	tcaccgcgaa	gaaatccacg	aaacatgaat	cggatgatgt	540
gattttcact	ctatcctcta	ccgtcaactc	catggagaac	cctgcctatc	acctagggtga	600
acaagaaggc	tctctgaacc	acttcgatat	ggagggtaac	cagctcgacg	gaatgaacat	660
gggcggaact	gaang					675

<210> 6276
 <211> 684
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(684)
 <223> n = A,T,C or G

<400> 6276						
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tcaatcagga	tgcagttgtg	gaatactgtc	ctccagctca	gtttgctggc	ttttactgcc	120
gccccgaccg	cagcggcctc	cgcggtgggg	tttactgatg	ccaccgtgtc	agttcaaacc	180
aagggcgctg	gagtcgggtc	tggattgaag	gaaaatatcc	ccgacaacaa	ggccctcacc	240
aagcccgctc	ccctcggaag	tgcgcacacc	ttgaagggtg	ctctcacagc	ccgcgaaggc	300
agctccggaa	aacgcgcgca	ccaggttttc	ctcctcctcc	aagaccggga	gaccggacta	360
gacatctctt	atcccttcaa	tgtgaaggaa	aatggcaaat	cgagggttga	gctgactcaa	420
aaggaccttc	ctgttcaatt	tctctccttg	gctgagcctc	tcgacgcana	gctcttgatc	480
gggtcttttg	gcagcgcgga	ggcctacaat	ggcgctgcgt	tcaagttggc	cgttaccggg	540
aaccccgatc	agccagtcct	gacagttgag	gtctcgagat	acggaaagct	tcctgagatc	600
caccacattn	tcaaggagga	tgcgcgaagc	ccaccgattg	tcatcactct	cgcgtttggt	660
gcaatggtgc	ttggcacttc	tccc				684

<210> 6277
 <211> 670
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(670)
 <223> n = A,T,C or G

<400> 6277						
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tatgggtcac	gcactccgtc	aatgaactcg	cggtcatcat	tcaccgatct	atctgatgct	120
gacccatttg	acgaagcctc	tgcgcagag	cccaaggagc	atcgccggag	ctggagggtt	180
cctcggtctg	caaaacggag	taatgagcaa	attggactcg	gactagggtc	cccgccgctc	240
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agggaccgga	caaggagtcc	tcccgtacat	tcagacgcag	agaaatctgt	ctcaagccag	540
aggtctctct	ccgcccctaa	ggaaagcagc	caagtgagac	ctgctccgnc	ggcgccaatr	600
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ggtatgcggg						670

<210> 6278
 <211> 649
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6278						
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gatgcagatg	cgccctgcgg	cattccaaac	gcaacttata	cccacgtgca	atgttgtgta	120
aaggggtgact	attgtatgag	caatggcatc	tgccactatt	ccaagaacaa	ttcgggtcaat	180
ggatactata	cggcggattg	caaggatcca	acactccagg	acccggcatg	catgaaccga	240
tgtggcaatc	aacctggatc	aatcatagac	tatgacgaag	atacagggct	ttgggcctgt	300
tgcacatata	ccagtgatgg	aaaggccgat	tgtcaagcc	tttctgttga	gaaattccct	360
gctccagcac	ccagcaaaact	ggttacaatt	caatatctgc	ccgcaaccgg	cacaccgcta	420
tatgcgactc	cgactgatgt	tgtgtctcca	ccggttgtga	attctaccgg	cagtcagata	480
ggagccgggtg	ctgcggctgg	gattggggta	ggggttgggtg	ttgggtgtatt	tttgcttgca	540
atggcttgtg	cattcttcta	tattcgacgg	aggaagtcac	cgcaacatag	tgttgtaccg	600
tcgaagtctt	ggaccgagtc	aatggctaca	gtacagcagc	cgcaaacag		649

<210> 6279

<211> 674

<212> DNA

<213> *Aspergillus oryzae*

<400> 6279

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cgacctaat	aatttaattg	attgattcta	tgttttgatt	gatttcggtt	catccatcaa	120
tctctcacgt	tgttcgtcc	ctgttcattt	gtaccgctcc	cgtgtgggtg	agctgtcgat	180
cgtattaata	ttatttatta	ttcttcttct	atttagtata	tcacttgaca	tcgtgactgt	240
ccctcgattt	tctacccac	ctgagatgac	tcactgggtga	tcccttaatc	cattcatttg	300
gccattactt	tgcgatctac	acctgcatcc	gtcaatcatt	cagattcagt	ctacgtgtca	360
caacgcattg	cccatgcgaa	ccagcaacta	gtgagggccca	ttttcgccct	tcatttgaaa	420
gcttatcgac	catgcctaaa	ctcaatatcg	cctgccccgc	tcaagacgag	gcagatgata	480
ccggagttca	tcaaccttaa	gagtctcacc	gtaccagtcg	attcttctac	ccatcacatt	540
tgaccgaacc	cattcatctg	gaaaaactaa	tatcgtggtc	ccaccagaat	acatgcgtcc	600
caacctgaac	tcgaactgcg	gactttctct	gcacacgtcg	ttccaacctt	ctgaagaccg	660
cgtgtgcacc	gatac					674

<210> 6280

<211> 654

<212> DNA

<213> *Aspergillus oryzae*

<400> 6280

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gcaccaagca	gagctcccag	taccogtata	ccacagagcc	agagccagggt	aatcccactg	120
tgatgcccac	ggaactttct	tccaagtctc	actttgcctt	cctcatccgc	gatccccact	180
tcagtgtccc	ttcatactac	cgtgtacca	tccctccctt	ggacgacgtc	accgggttct	240
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tgcgctcgtc	atggcgacga	tatgctcgag	aagccggggc	caatgatcga	agcgttctgc	480
cgtagcgtgg	gtatcgactt	tgaccctgtc	atgcttgagt	gggacgacga	gtccgaacag	540
aagcatgtgt	gcgaagcatt	cgagaagtgg	agaggatttc	acaacgacgc	catctaattc	600
agaaggctac	aggccggaaa	catggccgtc	cctgaaaaac	cgaaaaggat	ttct	654

<210> 6281

<211> 706

<212> DNA

<213> *Aspergillus oryzae*

<400> 6281

tgaaatggct	atacacagac	attacgatcc	attcctacaa	cccatctttc	acacgtttcc	60
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gtggaagctg	cgcggacgtc	tagatgacgt	tgtatcgctc	agtaacggag	agaagttcaa	180
cccagtcacg	atggagaaga	tcacgagggg	acatgcctta	gttgcgagag	ctgttgttgt	240
aggcaatggc	aaatttcaac	cagccctact	tjttgaaccc	aattggaatc	aatggagtga	300
ggatgatcca	cctagggact	tgatcgccca	aattttggcct	acagttcaag	atgcgaaccg	360

tatcaaccca	gcccattggac	ggattatgaa	aaacaaaatc	ggggtagcat	tgaagaacaa	420
accgttccag	actacaccca	aagggagtac	gcagggacgg	cttgctactc	gagactatga	480
gaaggagatc	gaggatattt	atacaaaa	ggacgatgga	tttacggaat	atcaaatacc	540
agatacggct	gatttgtctg	gcattcagga	atttgtccga	aatgtggttt	cagacgctct	600
cgggttctcc	tctttctcag	accagacaga	cttttatagt	ttgggggttc	gattctttgc	660
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<210> 6282

<211> 681

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(681)

<223> n = A,T,C or G

<400> 6282

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gtcaacggta	tcgtaacggg	agagatttca	ttataaccaa	gatagcaatc	atgaaagggg	180
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ttctcggcag	cactggccat	gtcggagacc	tgccgtcgtg	gttgcggccg	cgctgcagct	420
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gcatatgcag	cggcagtagc	aggagttagc	ggtacgtatt	ggccttgtag	ctgctgcagg	540
ttagggtgaa	cgcgggccat	gccctgnaat	tggccgggtg	tttgccaatt	gtttatggac	600
gtaactggcg	actggctggg	agaactatcc	tctttgacag	actgggctgc	cgagctctgc	660
gcagccattg	taaccgcgc	c				681

<210> 6283

<211> 759

<212> DNA

<213> *Aspergillus oryzae*

<400> 6283

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ccacactttc	gggacattca	cagcgtcatc	gatctggggt	gccacttgca	ataattcagt	180
ggttcacttc	aaccttaagc	cattcaccac	tccagatcta	aagattcact	tgtgattgcc	240
attgtcagac	taataatata	cacgatacct	cgattacgac	gactttctgc	tgtctctccc	300
acctgcatc	ttatttatcg	atctttctct	ccctccacca	ctcttgaaca	acaaccacaa	360
cttgatatct	cgtgatctga	ccgaaacggt	aacatggcta	ctcacgttct	caccgccacc	420
acaactcctg	ccaacccgat	ctcgggtgat	ggcaaccggt	ccccggtgaa	caccgccagt	480
aactctccta	cttccccccg	tcagcagtat	ctgcccttgc	agaccggtca	actgcgtcca	540
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tctctcctt	ccccccctcg	cagtgttcat	ggttccctcg	acagctcgaa	tgacggcagc	660
gaggaaacccc	agccggcctt	gacccgtcgt	tccaccatcg	agagtgcggt	gagcgatgga	720
atagcaagt	tagccagga	tgaatggatg	aaacatgac			759

<210> 6284

<211> 685

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(685)

<223> n = A,T,C or G

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<400> 6284
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taaagacgac gcaggacgtg attctccgt catggatgga gcaggttgct cttcagagaa      180
aggaccggaa tttgatactt cgggtcgggt tccttccctc gaaacacagg ggaaagactc      240
tagtgaatta aatcaagcac actctggcag agttccaagc taccacaagg catatagcgc      300
agcacaggac cattcacgc catctgggcc ctcccacggg cccaagtctt tgtcctcgca      360
aactcgcagc tcaaatatct cgtattatc ggctccact cgtcctcgcg gagggccgag      420
cttcaaggaa aacgtttgga ccggtgctcc cgcccgccgt gggcccatgt cagctgggtc      480
ctatggggcg ccgactggcc cgcgcagcgg ccatactctg atgccagggc ctggtgtgga      540
taccatcgt cattctactt accggcaagg gagtgtacg ggagtctctt atcctcgcac      600
cccaggtac atgaatcacc ttacgggctt tcttcgatt atatcaaggg ggagattgcc      660
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<210> 6285

<211> 694

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (694)

<223> n = A,T,C or G

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<400> 6285
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tccatgttat tttactaagc gatactcacg acgcaaaaact aaagagccgc ggctcaccga      120
gcaacgctct cccccaggga tcagggccctg gcagacgtgt agatggttcg tatctgcatt      180
tcaattttct gtgttgccct gattagcgaa ggtctatttt accattgtgg tataatatac      240
tgacgggact ctcttactct gtacagcacc agaaccgtct acctctccg tctgaactg      300
gttttctttt cttctctctt tatttcgtta tgccgtcttt cttcgcgcca ggcttcaag      360
gctaccacc cactccccc caccatcatga gcggtggcag aatggactcc gaccaccat      420
tttacgtggt tggccactcc gcctttcccc ctcgctactc gcagagcggg tgtgaattta      480
ttgagcagta ctcccaatcg tctgtctact ccaagcccg cccgatgaac atgcaccgt      540
cgtcgatgcg cagtggcaga gatatggcca tgatgaacca gcccatgttc ggtccgatgc      600
ctactgcgaa tgtgctgctt ncccttcgaa acaacgtcca gttacccctt atggacagcg      660
cgatcccgcc tcagtaccgn cgacaagaca tcac

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<210> 6286

<211> 737

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (737)

<223> n = A,T,C or G

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<400> 6286
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gcttccgcgc acccgcagag atggaccctt taccacgaa attcggcatt ccttcattga      180
gttgggtgcc gcccttctcg agtcaccagt cattttccca taccagtct ccgagccaat      240
caccggtgct caacgagatc tctatgtacc gtcagcgggc gggcgtcct cgtggcatc      300
atctcgcacc gtctaacaact ccttcctaca gaggcagcc tacggagcaa caggagaggg      360
cgaaactctc ccattaacc aatggtgccc ttcaacctca ggcttctcca ggcgttgcc      420
ctgagacatc tcacaacact caggccggca acaaacgacc tcgtgacgac gatgacaacg      480
atgacgcagc ccattgatcg cccgtccatc gtctccgtca agacgagccc agccatccat      540
cggccaccat aactctgaac caggaatctg ctttgaacgg cagcacagcc gtagacagtt      600

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ctgtcgagaa	cacgtttggc	anactctggg	agcgagtlgc	accactcttc	aaggatcctg	660
ttctggccca	ngggccccgc	ggcattgaaa	tccgaatcca	tcattgcgcga	attattcagc	720
gaaattggac	cgctcta					737

<210> 6287
 <211> 647
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(647)
 <223> n = A,T,C or G

<400> 6287						
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gcgcaatgga	agagtcgtcg	gtcgagagcc	ggatgaactac	ggccccagc	tcacggagaa	180
agagagggag	gagcagaacc	gcaagcagta	tccgaatatg	ttcccgccgc	agggcacggc	240
tatgtataag	tttttgacga	atcggtggat	tcatatctgg	attgctatga	gcgtacttac	300
gactttggct	acgtttactt	tcactacgaa	ctttaagcgc	tcgtcgccgc	ttgcgcactt	360
gcttcgcgt	tggtcggatc	ttctttggca	ccccgttgat	accgtttctc	aggcgttgct	420
tgttntacgc	atgcattgtc	agcataacct	cgtgcagact	atggagaagc	ggcgttatcg	480
atcgaggatg	cngagatgag	actgcagtac	cggttgctc	atgggcttga	ggagctcgct	540
gaaagcaggc	cagactgaga	ctgaggtggc	gatgatcagc	tccttagctg	cgatcggaga	600
caagcaggag	gtgggggat	gtgattggag	ggaagaaaga	ctgtaaa		647

<210> 6288
 <211> 613
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6288						
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caaagccacc	ttgctggccc	tccaggtatg	gtgccacagg	gtcaaatgca	acctaattgt	120
ggccagggca	cgagcgctag	tgctagcccc	aatggttagtc	ataaacgacg	ccgggcaagt	180
acggtcaaga	tggaaaacga	tgacggcgct	ccggagggtta	acggcaccgc	ttccccggga	240
ccaaagacgg	taaaagccag	cccacgtgtg	gggtgtaaaa	gacagaaagg	cactgctaata	300
tagaggagtt	attgcaatgg	gctttgttcg	cacttttttc	ttttttcttt	ttttttcttt	360
ttttttttta	cattttcatt	tctctcaaga	gacggggaac	tggcgtaccg	tttttgata	420
ctttttgcca	tgctgatctt	ctcttttttc	tgggggccct	atccattgaa	catatcggat	480
tatcgttgct	attgcaatta	tgccgggtct	tttgctgggtg	tagtgatgat	gatacgggat	540
ggctgttctg	tacgatttct	gttggcggtg	cgaggcaccg	gcctccttga	agtctaaatc	600
gcctactacg	aat					613

<210> 6289
 <211> 752
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 6289						
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ctcgtctccat	actgagggtg	gccaattcgt	cgatcccttc	actctaccgt	ttccagaagg	180
tgtctcctat	gtcatggcgc	acttacgctc	atagttccca	tgccggagaa	gggggagactg	240

aagctcaaca	gccgaataat	tctcggaata	ccccaacccg	ggacattgaa	catccagggc	300
catctgcccc	agatgtcagc	aagggctcga	cagcatcttc	aagctctcag	cctcgatctt	360
cttccacttc	ccaagaagat	cgagataagg	aagattcaga	aggcaacgtg	aagtcagatg	420
ttcccaacga	tgtaaaaaag	cataacgaag	agatggagca	ccggtatgat	cgaccctaca	480
atcaactcgg	gaacgaaggg	aaacccccga	agggcttttg	agaaaggcca	caagcttgga	540
cgagtgggtg	ggttcgtggc	gatatccctt	atggctcggg	ggagttggga	aagttactat	600
atgatcgatt	aaatggaacg	agctcagaaa	taaacgcatt	cggaatgtc	atctggccca	660
ttatgatagt	taggcttcta	gttacgatgt	agaccgcagc	gcaataaagt	ttacgcccc	720
gggtcttnga	tatatcctta	aaaaaaaaaa	aa			752

<210> 6290

<211> 632

<212> DNA

<213> *Aspergillus oryzae*

<400> 6290

gaggataaag	agaattctca	cacgcgctaa	ttttagcaag	acttggcggtg	tattaagaact	60
ttcggctaaa	agcaagctcg	cggcgttcga	caagattgag	gatggcaaaa	atctaaagct	120
gcttttttgag	gccccacagc	cttcogaagg	cactccccaa	gttcttgaag	gcacccctca	180
ggcccatgag	acgatgacga	aagcctcaac	cgagggcgag	tctggtggtt	cggggcatga	240
tcattgggtct	aatagctccg	aacaaggaaa	tgctactgtt	gccaccgaga	aaggttcagc	300
ggactcgaag	gacgcagcag	cagcagcaac	aacaacagac	acatgaagaa	cgccacgcag	360
gcggccagag	aacgcgttat	catgattggc	tctctgtggc	gccggaaaac	gaacccctac	420
gactctgac	gatgctgaat	tcgctacacc	aattgatgat	ttcatgtgct	tgtatgcgtc	480
actgtcacaa	cgctatgcgg	gagtcctgca	gtaccgtaaa	atatgaaagg	ggcattagta	540
tgccgactga	gttttctggg	aagagttggg	gcgtgttctt	tatgacgaga	cgtgatggga	600
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<210> 6291

<211> 1310

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1310)

<223> n = A,T,C or G

<400> 6291

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tctagcaca	tgtaccgc	ttctggagcg	tgcagcccca	ccgaaagaac	atgctccgta	180
caacccagca	gactttgcgc	caaggtgcagg	ttatgtctcg	tctacgagcc	ctgatcagaa	240
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ggaagggtat	gatgtgggtg	agaaaccttg	cgtgaagccc	ggctctaaga	ggcctgtgga	360
ggtagaactt	cctacagaag	gtgaaggtaa	caaagtcagc	gtcagcaacg	tgtctgagga	420
atacttgcag	atggcccggc	accctgcgta	taaggactca	acattgggtcc	aaacttctgc	480
tactgcctct	cgtctgatcg	tgactgggtc	ttcatatgtt	gccaatctga	tgaccagtgg	540
ggcggnaacc	tttactaaga	agacaaaact	aaccgaagcc	aatgacgttc	tctgaggcta	600
cttactcaag	ggttcgtaaa	ggcttggaaat	ctcagccatg	gtgcccgttg	catctcaacc	660
aagactgtcg	gocagggtcg	taagggttga	cagaacttcc	gtgcttcatt	aacccgtlcc	720
aaacccggacg	caaagggcga	gggcgacaa	gcagtgaacg	gcgactacaa	gcccggcata	780
ctaaacaaat	caatgatcgc	attctcgaca	ctggcggatg	gtattgagca	gagtgcccgc	840
acggtactaa	ccatggctc	tgctgtctgc	agtaagatga	tcggacatcg	gtatggagct	900
gaggttggtg	ttgtgacga	cgaatttgact	ggggggcgtga	aaaatgtggg	actagtctac	960
atcgatgcga	gaggggtcag	ccgttaaggga	gttctcaaat	ccgttagctaa	gggtatgggt	1020
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cccccggtcg	gaggaggccg	gagcaatatc	acctcaggtt	caggtggacg	tgggtccggt	1140
gcaagacgtc	catctnccgac	cctacacca	ccgncgcct	atggtgcgcc	gaacacaaacg	1200
tcgctcggag	gaataagcat	gtcagggggga	aagcattaaa	taatgcgatga	tatacanggg	1260

attggggata tttctggact ttggattgtt ttcttttctt ccttttggtt

1310

<210> 6292

<211> 575

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(575)

<223> n = A,T,C or G

<400> 6292

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gccaacgagc	ccaatgcgct	ttatcttccg	ctagctccat	ccatgggtct	cctgcgcgat	120
aqttagcaag	ggcttgtcat	tggttttgca	aaggcagagg	atgccgatct	atgggtgtcgg	180
acatccatcc	tgggccagaa	acatggccac	tatgaagtgc	acatcggacy	cggatggaca	240
gacgagcagc	tgaaccaagc	tctccaggtc	caacatcagc	cctacgttcc	gaaaagcaac	300
agccgacctc	agagtataca	gtccaatata	gaacccactc	cgcgcgcgag	ttcagggtcg	360
gacaccaata	tgaaatctct	gtccagtgtc	caaggactat	cgtttccccg	ggacgaatct	420
ccgtcttcca	gtcagttctc	tgcagcttcg	tatatccgt	cttcactagc	tattggttcc	480
agcaagaata	cgcaacggtc	aaaatctct	ggctgtactt	taccgcccgc	attgcttcag	540
ggaacgccta	tnctcgtcta	ttcagctcag	gactn			575

<210> 6293

<211> 689

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(689)

<223> n = A,T,C or G

<400> 6293

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gagtgtacat	gctgcacaaa	gagccgagaa	actcgccgag	tacgagcatg	aagtgcgtag	180
tctccggacc	caggcctcat	atgctttctg	aaatggctcc	tacatatcat	ctacgtactg	240
caacgaaatg	aaccgggtct	tatcacctcc	ctctaattcg	caaggacgtc	tatcgactct	300
tacattcttt	ctccattccc	acggacctag	caacacatcc	tgcgatccag	acacgcgcgc	360
aaacctctta	ccaacctgcg	tgcgggcaac	ccagcccaga	ccacacagcc	gagctgcaca	420
atccqctaga	tgcggaacag	agcctgcgcc	gagcagcaga	atcgcaatta	tgcgatgcc	480
gttccgagct	ggaagagcta	accgcgcaat	tattcattca	ggccaacgaa	atgggtggccc	540
aagaacgcaa	tgcccgtgcg	cggcttgacg	agcgagtaac	ggtgttagaa	cgtcgggacg	600
tgcgagaagag	gacctgtctt	gagcgctctg	agaaggcgat	gganagggtc	nagcgcattc	660
gggcactcgn	tggtcantga	ttcgcgccc				689

<210> 6294

<211> 704

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 6294

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cacctcgat	gctagtagct	cctcgatctt	tgacaagaag	actgactcat	cagccaagcc	120
caacaacatc	ttcgggtcatt	tgtagcaaac	accttctgag	gctgaagaga	acgacgatgc	180
tgatgacacc	gaggaagcgt	ctgccgctgg	tgatgagcca	aaggatatgt	ccaaggatac	240
atcccttgcg	cccgtctagcg	aagacgaaag	caacgaatat	gtggatgcc	aaaccgggtgc	300
cgcagtggt	gctgagaact	ctgctaacga	cagtgggtgc	accacggaga	tcttaccagc	360
gctctgaaaa	agtcacacga	agagaagacc	gccacaaaacg	agctatccga	cagagataca	420
cgcgcgagtg	gtcatatctt	gtttgaccgt	gtcgagtaca	aacaagacgg	cacgctgaag	480
cgtgaggacg	acgaggagca	naacccctt	tctacgtttt	aaaatcctcc	aaatatgcgt	540
cctctttcaa	ctcaccggga	acgcaaaacc	catttgctcc	gactccctct	aagtctgatg	600
ccgagaaaaa	cgatgctccc	accttgaaac	ccgcaccgcc	gaaacccctt	tgccagcctg	660
tgtggttctc	cctcgectac	ccctgttgca	agcactctat	ttan		704

<210> 6295

<211> 680

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(680)

<223> n = A,T,C or G

<400> 6295

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atctgaaaag	tacatcctgg	aagcatcac	aaccttcttc	ccttccggct	tgcacaccgc	180
taagaagctc	ggcctccgtc	ttgcatccat	ccacaccccg	gtcccggggg	ataaggagaa	240
gcttgagcgc	agtatggacc	gattttttgc	acgggtcgag	gtcggtcagt	tctgtcagag	300
ggtaacttgg	agtattacta	ctgatttcga	gttgttcgct	gcgtttgggt	gtgtgcacgg	360
cgacaaggga	gagagtggga	agactttgga	tcttggggaa	ctggacgtgg	attccacagt	420
tttaagggtg	gaacggcaga	cgttgcatcg	ccttcttcag	agcaaggggc	tagtggtttgc	480
gtttcatacg	tatacgatc	cgatccagat	gatcaaggat	gaagggctag	gggaggatct	540
ggcggctgct	attgatgggt	tgaagaagg	gaatgtgcct	gaaatgcatt	ggtacaaaacg	600
gngacctgtt	tngggcgagg	ctgtgaagg	gtttctacgc	tctaatcat	ttttcgtggt	660
ggtcttcaan	aaaaaaaaaa					680

<210> 6296

<211> 653

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(653)

<223> n = A,T,C or G

<400> 6296

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ccgcgctccc	gcccgtctcg	gcaatatcat	caccatacct	atatctgtct	gttctatatc	120
ttagatgggc	accacacctt	cgacgatgtc	gagcaatgga	agacttaccgt	tctgagccac	180
ttccgaaacc	acgaaccacc	gcgaacagcc	cgatgcccctc	tatgtccggg	tgagcgggtc	240
agcgacaccc	ccgaacagaa	aggatgggat	cgcatgctcg	accatgtcga	tgtagcacat	300
tatcaacggg	gccagaccct	agctggaagc	cgacgggact	ttcaactgat	gcagtatctc	360
taccgcttgc	ggatcatcag	cgttgaccag	ttcaagggtga	tcagactgcc	accgncgncg	420
tctagccctt	qctatcatcg	atcgcaagaa	cccgtccggg	caaataatnag	ggcgcccgat	480
gaacataact	gtgtcttctga	ttatcgaccc	cgagaacaaa	ggatgtgaag	acagccgtca	540
agggccaacg	gcngatgaag	tcctgggcct	tttaataatc	caccaaactg	gggtggggggg	600
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<210> 6297

<211> 723
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(723)
 <223> n = A,T,C or G

<400> 6297
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 atatctcaaa cagcgacgac cagcagacca tgattcccgg tcttcccgat atcaaaatgc 180
 tcgacgcgga ggccctcagc gacttgctgg aggataacct ctgcgccctc gagatcacca 240
 cgattctagt atttgggtact aatgggtgcc tatitgcta cgccctcatct ctcccatccc 300
 ggcagctgag gaatttgacc gccacatacg gagccgctta cacagcctac gcaaagaacg 360
 cctcaagtgg taacctaaag ggagtaaata cggccagtcg cccatcatca tatgtgacg 420
 cccaatccgt ctctcttggc gacgtagggt ccacgtctt tgaactcgat gagcttgctg 480
 ctgtagtcac tagaatagcg gatagagtgc tccctggcgc cgttggaccg tccaaattgg 540
 agcccgaagg agagacgggc ccttcaaatt gtgcgcagaa tggctctnta aacgccagt 600
 cggacgagtt cccctcgcgt gaggctagaa caggcgccaa cggtaacctn accaaccaaa 660
 ctcccaccaa cggaaacccc cacagtatca gccgaactca cagcgaggcc aacatgctat 720
 caa 723

<210> 6298
 <211> 649
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(649)
 <223> n = A,T,C or G

<400> 6298
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 gactgtatct accccgcccc agcggccagc tgatgtagca tactcgcccc atgagtacc 180
 aaggcgaact tctccaaatc ccatgagccg tggcgtttca ccgcagccac agttcaggca 240
 acaggcccggt cctcagagtg ctggaggtat ggagttgcag ctgcaccaatc aagtcgacat 300
 gtaecggaggt gaccacgggt cgccaaggca agctggaaaa ccaggatcct tttatgacgc 360
 aggaagccat agaagcaggt ccaggagcag gaccctggcc gttgcggatc ctggcagaca 420
 gttcagcggg gatggctgcc ccattctcca ctccggttaag ccaacggaac ccttgccatt 480
 acgtgatgag gctttttagct aactttttga ttacagnccg agccatgtac agctataccg 540
 ctgccattcc agaagaactg ggtttaccaa aagtgatgtt ctatcgggca ttcgacttca 600
 gacgacggct ggtgggaagc tgaagtacta cccaccggg gacgggacg 649

<210> 6299
 <211> 664
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(664)
 <223> n = A,T,C or G

<400> 6299
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ccagtctgtc	tcgaagagat	tcttcggcct	cgcgcggggac	aataacctat	ggagactcca	180
ttgttatgaa	caatcatggg	ccgcgcgcaaa	cgccctnctac	tcggggcaaca	gggcctcggc	240
acgcctgtgc	acagattcca	ctaactccct	taactcattg	ggccagactt	ctcttcggtc	300
ccttattcaa	ccagatattt	cgctcttcaa	ccgggatcaa	aatggggcat	ttggccaacc	360
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gagctctgtg	ccacacaaca	aagctatctc	acccttttaa	caaaagcggt	gtgttgcggt	600
tgggacccaa	aatatttccc	atttaaaggg	ggttcaaatt	ctaaaaaggg	ggatatttga	660
gatg						664

<210> 6300

<211> 684

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(684)

<223> n = A,T,C or G

<400> 6300

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ttaaaccttt	taaataacag	tcttctgggg	cctctccagc	ttcgtgctgt	aggcgtttat	180
tctctacctt	tgtcacgggg	gcaacctttg	tcactctcgt	cctccgtgta	cattacaatt	240
agttaccgca	catgactcca	caatctgctt	caactgtacc	ttccgcagtc	tcctccgcgc	300
cagcgtcaca	gatatcgtag	gacccctcgag	atggagagcc	ctcggtaaca	cgcgctcttg	360
cgggcatgaa	tttgtgcgca	gcgaacgggg	atattctgcc	cacgcgcctt	ccgcctgcga	420
aaactggcag	gccgactatg	gcgaatcgca	tctctcgtat	gttgtccaac	acagggaaga	480
caacttcgaa	ggagccggat	gcccacgtgt	aattttcaga	cagcagcaca	gacagcgtga	540
agccatctag	caatggcagc	gggaggcaat	ctaagcccac	ttctagaccc	tcttctagag	600
ctccatcgcg	acagactttt	accagggaag	acaatgagag	anagccaaag	tctatcagtg	660
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<210> 6301

<211> 682

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(682)

<223> n = A,T,C or G

<400> 6301

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gcccgtcgca	taccacagtc	gtgcctcgtc	tgctgtgctt	tcgggcacac	ctatccaccg	180
tcctaatggc	agatccctgg	ccaacccagc	cgccacaccc	aagctcccca	ccttttccct	240
atgcaagaaa	ttggacatcg	aactggaaat	ggctgcattn	gtcagcaagc	ccaacgatat	300
cgggaaccca	ttaacatcaa	tgaagccgaa	gacatatact	ttggattggg	gctcatgaac	360
gactggctgg	cccgtagaat	tcaagcctgg	gaatacattc	ctcttggggc	attcaacgca	420
aagaactctt	ccaccacgat	caccccttga	gtagtcttgt	tggacgcatt	ggagcccttc	480
cggccacggg	gtcttggaaac	tggtagccca	gaactctctgc	tccctacttt	gcgtgagaag	540
cgggcagnca	adgttttaag	tatccctctc	gaagtggaaa	tcacagagag	cggcggaaag	600
ccaactatac	tctncaactg	caacgcacaaa	gacctnctat	actcgttccc	ccagatgttg	660
gtcaccatac	ccatccacag	ct				682

<210> 6302

<211> 675
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6302
 ggaaggtatt ctattgacgg tgaattgggt tgtggcagga ttcattcacc gggtagcggg 60
 tggaatcttg cacgtgttgg cctggccgat cctgtctttg gtggagcgcc tgcgaccctg 120
 ttttcacgcg gtctacggta gtgtccggcg gcagccctt ccggaccggg agacttacga 180
 gcagattgcg gtcgatgatt acctggacga taagagtgat gatggagaat cggaccatct 240
 gttgcacacc gggaccgcga ccggaagcac ggccccaacg gagcgacggc ggacggatac 300
 ccccatgcgt cgatttgtcg tgttgggttt gttegccttg ttctgtctcc tccgtttcct 360
 tcgtccgtgg gcgcggcgt acttgatat ctcaggcacc ctgccgttga caccgttctt 420
 tgaggggtga caccggaagt ctcccgatga caccgagcc ttgccggggg attatggctg 480
 gctggaagag cggtcacact tgcaccccg cccgggttgg gactggatgc cgcagaaggg 540
 gctccccgga ttctctgatt gggataagac cgaccgtttc gccttgcaat acacgcggag 600
 tatggacca ttgcacatct ccaacccgga taacctgtc ctgcattaca tccgtccctg 660
 gctggaggac aacag 675

<210> 6303
 <211> 674
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(674)
 <223> n = A,T,C or G

<400> 6303
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 agataaacta ccgtcgtaaa cattttcatt acctctccca acaccaacga tattccagct 120
 acaaaaaatg gacaccccc aaccaacagt tctcgtaatc tccggagcat ggcacacccc 180
 aaagtcttac accaaactcg ccaatgccct caaaaaagag ggctacgaag tccacgtccc 240
 tcgcctcccc agcatgaacg gcgcaaacc acccaacgca gatctaaca cgcacacaga 300
 cctaattcac agctacgtcg aaagcctcgc ctccgccggt cgcacaatag tagtaattat 360
 gcaactctac ggcggccaag tcggaactaa cgccctccac aatcttggtc gaaacgaacg 420
 taagaaacaa ggactggctg gcggaatcag ccatctgac tacatgtgcg cttctctttt 480
 cacagaaggg gcctgtatat tagatatcgc caggaattt ggtaccgcgg atcagattgc 540
 taatgcactt gatattctgg gtatngttcc gaaagaagaa gtgaaaaagc tcatggctgg 600
 gcctgggggt gatgatggg atgctganga gctgngttcg tccgtgacga agtggaatgg 660
 ggatgccatg tttta 674

<210> 6304
 <211> 572
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6304
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 atgtcgaccc gctgcccac aaggaatgat cagatctgtc tggcgcaatg cccagaccca 120
 tggccatggc ccgatgttcc acccgtaaca ggatgatcgg atgggtctca ttctgttttt 180
 tacttcaaaa atgggctcgg tgaacaact gagcagaaaa agacggcatc tactcctgag 240
 taratgtctg ttttcattgt cttgatggca ttggttgttc cgtattttcc tatattcatg 300
 cctccgcggg cggttccagc aggtgctgcc actgctaccc cttctcataa acaatgccaa 360
 ctgtgtggcc tgtttgagga aattgaattt tcatcctata ccaccttgta tatctattac 420
 ctaaaaaggg ygtaggaggg ttctgaagtc aggatgatcc ccaaacgtcc acgtccatgc 480
 ggatcatgat ttgccactga agtgcatggg gatcacgtgg gattgaatca atagttagtc 540
 taatacaagt cttgatcttt ttcttctgtg tc 572

<210> 6305

<211> 671
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6305
 cggccatcat ggcattactt gtgatggatc tctttgggat ccagaaggca ttcgccttgg 60
 gaacaagtca gggaggatgg atggtgaccc ggatggcact tctcgacca gacaggatcc 120
 tcggtctcat gcccctggga acatccatgg attacgaatc agctgattct cgggtccaagg 180
 gatgctggga ccccgagcc agtttgacag ccttctatga caagtggacg agccctttgg 240
 ccacacctga ctttgtttgt gatgatgttt ggtgcggtct ggtaggaggc attggcttcg 300
 gggctgcggc caccgaggag aaatctgcct tctggaccca aaccctgaaa gaggtgtaca 360
 aggggtgatga gggacgaaag aagggtgcga tggcgctcaa ttgcctcctg gagcgagacg 420
 gactgtttgt ccgactgagg gacatcaaat gtctgttta ttggctacag ggcactgagg 480
 atacaccatt tggaaccgtc gttcctgcgg agcaaatcaa acttttctact gcttcccccg 540
 aggccaaatt ggtcatgac gaaggcgggg cgcactatct gacgccacca atccgaaaga 600
 ggtgaatgag gcactcttgg aaatgtcacc aagtatcaat gaagtgttct tgtgaaagtc 660
 ttgcaaatag g 671

<210> 6306
 <211> 1045
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1045)
 <223> n = A,T,C or G

<400> 6306
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 actggctccg gcgacgatac cgcatacacc ttcgattcca caccaaacac cgagcgtcct 120
 cttctccccc aaagttacga gtgcgaacct caaccgaaaa aggagcgcga atctctgcag 180
 cctattgcaa agattgaagg ccacaaggat actgttaacg cagttgcgtt taccggaccc 240
 aaggggtgaat atgcccgtgac cgcagggttg gatggccagc tgcgtgtatg gcgcgatact 300
 actccccagt tgactggcca ggcttgggag tttgtcgcag aggcgcagga ggtagaggaa 360
 attaaactgga ttgctgtttg cccgtgcgag aagggtgacg aggagaatag caatgtcatt 420
 gctattggga caaatgacgg gacgcgttgg gtattccgca ttgaccacaa cgacaccgct 480
 cagcccatta cgaatgacga gacgttcttc cagcacaccg gatcctgtac cgcagggtgcc 540
 tggacgcccg atggaaagct gctcgcgact gtctcggagg atggcagctt ttacgtgtat 600
 gacgtctttg gtgcgcgcgc cgcgcgcggt atctcttact ctgctggtac cagtgccttc 660
 gttggattga ccccgaggga ccagcggttt gcagttgatg gaggacttta ttcggtcgcg 720
 attgcgccag atggtgcatt cgtcgtgtgt ggtggtgcgg aaggtcacat cagaattgtc 780
 ggtcttcttc gtcttgggtc tgggtggcgt gcaacatcta aagcgaaggg taagggggcc 840
 gcctctcagt caaccgggtg tgcgtcgtgt actatcttgg cctctcttca ggctcagttc 900
 gacggcattg agactntgtc attctcttcc cctcctttga gtctcctcgc tgcgggctcg 960
 gtagatggat caattgcctt gttcgacacc gccaccgct tcgctctccg ccgccatata 1020
 aaggaggcgc atgaggggtg cgtaa 1045

<210> 6307
 <211> 671
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6307
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 ctgacatttg atgtctacgg caccctgggtc gactgggaag gacgcatttt aactgtcttc 120
 caaacgtctc ttcatagaaa cgacactcaa ttgccccgtg agcatattct tcacgtcttc 180
 catgagctgg agcgggatcc aacatgcccg aacaccagat atgcagtact tcgaactttt 240
 ccttaccatc ccaccctaca ctgttgaaac agctagggtct caccacttcc cactgtctga 300
 aaaagaaaac ttttggqcaa ctgaggggcc ttggcaacct ttcagaaacc gtatagcact 360

tgaaccaatt	ltagaacctt	ccagctagag	gtctaatcaa	tggttcaacta	facctgctcg	420
cccaaacaaa	tgctggcaac	cataagactt	cccttctgtct	acttattctt	cgacccagat	480
tttcgatcat	tccatcccg	atacaccaca	attgtccctt	ccttatccca	ctccaaagca	540
acctatggcg	tgccgccaca	tgtgggtcac	taccacggca	tcaagcacta	tctatacctt	600
ctcccttacc	ctcagtagca	agacaacctt	tctgcgcgta	ttcgccccc	tatcatectc	660
ttcatcgacc	c					671

<210> 6308

<211> 559

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(559)

<223> n = A,T,C or G

<400> 6308

canaactgct	ggcgctggaa	cgtgaaatca	gcgtgggctc	cttagatcag	gatgtgcggc	60
ttgggtctac	tgcaagtgtc	attgtcaatg	caatggcgcc	tctatgcgga	cagcagggtca	120
ccacgggggtc	tcttggtagt	acatttctcg	ctgcttgggg	tgatcgtcga	atcagacttc	180
atgacgttcg	ctcaaacggg	gcctccgagt	ccacttataa	agacccaacc	gaccaaagcc	240
aaatctactc	ccttcacctt	tttggccatg	acagatttct	cgcaggagcc	ggcgcagacg	300
ccgttgtgaa	gatcttcgat	ctccggatgc	caaaaaacct	cagttacaca	gattccaggg	360
cttcttccat	ttaccagcac	aatgtgcccc	gtcgaaaagc	ctctggagga	gagatcgcac	420
ccccagtaga	gagcatcagg	tacccccgca	aagatttctc	catgttccta	ttctacgcac	480
caccattgta	tccaaatgca	cctcggaggc	gccaaactga	atccactcct	taccgcggng	540
ccatatactc	cctgtgttc					559

<210> 6309

<211> 580

<212> DNA

<213> *Aspergillus oryzae*

<400> 6309

gtccagccgt	tcaattcgac	agggctctcag	cgttttttga	cccggccctt	gccacagggtg	60
gocgttcgtt	ataacgcccc	ccgcgccttc	ttctctcaag	gcaggactct	cgcggctgca	120
gagcttgatg	atcctttgca	gaatggtaat	taccagaacc	ctcctcgctg	taagcgtgct	180
ttcagagacc	ctcatggcga	ctgggtgggac	aagcaagaga	gacggaattt	tggagaacca	240
gtccacgaag	aaaacgaaat	tctcgggtgtt	ttcagtcctg	aacagtatac	gcattgttacg	300
tcccgtaagg	gcttcttcca	cctgggcgtg	tttgttgcaa	ccttccttgg	atthttgtggt	360
ctcgtgagct	tctactatcc	agacaagcct	agtgttccca	gaacataccc	ggaaggcttg	420
gagaaggaa	ttggaggacc	caatgctgtt	aaggcccgca	aatccggcga	ggactcttgg	480
agattgattg	acgtttgctt	tttttttttc	tctgttggg	gaaataagta	cagtacgatt	540
ctcttttccg	cgtcaatcga	aggtcttgtt	tcaagtgtga			580

<210> 6310

<211> 687

<212> DNA

<213> *Aspergillus oryzae*

<400> 6310

atcaagctc	agtaatacgc	caatgacctc	cacctcaalc	tccctctggg	agagggtaga	60
tctcatgcac	ggtaaatgga	ccgttctagg	cacagctctc	tataacgcca	tcacagggtat	120
tttcggaggg	caaaacgggtg	catcaggata	cgggctccac	atcggaacgc	cagcgttgag	180
aaaactatgc	aatagaactga	gggcagaaca	gttccaatac	atqaacgggc	ccacaaggctc	240
cgtctacgag	acagccttgc	agaaaaaagg	acttcaaccc	gaaacagtc	ctctcaaaaca	300
cgggtgcaca	ggccactgga	tccgaaacaa	gaatgccaaa	aatgtgggtc	tctattacca	360
tggcgggcga	ttcgctgtgc	cgggtgcagc	aggccatatg	accttctacg	gcagcgtgat	420
cgtataccctc	aacgcagaag	gccacgacat	agccctcttc	ctgataacct	acagcctaac	480

cccgcacgcc	gtttacccga	ctcaactccg	gcaggecgtg	gaggccctcc	gctatatcct	540
caccgagaca	aaccgtgacc	cgccaacgtg	atcgtcggcg	gcgactcgca	agcggaaacc	600
taaccgtaac	ccgccttctt	gatctgtcac	acccggatcc	ccagaatgaa	cctctgtccg	660
aaataacgcc	cttaacgggg	ttgttgc				687

<210> 6311
 <211> 701
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(701)
 <223> n = A,T,C or G

<400> 6311						
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gcctttctct	atatctgaag	tacttgtccc	gcgcgcaatt	ctattcatct	cctgcctctt	120
ccactccaaa	ggactctaca	tctcgctccc	gcaagctgaa	tgatcgcttc	ccgtccttcc	180
ttcgcgctta	tacaaccccg	ttactggggg	ccccgggaac	acatattacc	tcctttttga	240
tcctacatga	aatcaccgcc	attgtgcccc	tattcggaat	tgtgacggct	tttcaactacg	300
gaaactggct	accaaactta	acttctaata	gcgcctttga	agaaagaaac	ccgcgattcc	360
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ccgaggtgga	aaccactatg	accctgttag	aaatgatcaa	atgccggaga	gtgataggaa	480
aggtgtaccc	ctggtgctgg	aatttgcgac	ggcctagccg	gcacccaaag	cattactggc	540
cgttccgaat	tgccgcaagt	gtcttgccca	cgctggggtt	tgccgcaatc	atcttgttcc	600
cacctgaaaa	aggggttaana	aactctgtgg	gaaaaaagaa	aaatttgacg	gtccctggta	660
ttactaccaa	ttccggaccg	gtgaagaaaa	tgcaccaaac	t		701

<210> 6312
 <211> 647
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6312						
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caagaaggaa	gatattgacg	gtcgtgagca	tttcgtctgg	actggcggca	tccttggagt	180
tggcgggtcaa	cggagaccat	tctggggaat	tgatgaaacg	actggtgagc	caaccaagcc	240
gtatgatatg	gctgaagaac	gagcgcagcg	agacgtcaag	tctcaaggag	cctcagaaga	300
tcaaaccgaa	gtacatgcag	ccgatgggtg	acagattgcc	gaggggtgcat	ctacacctcc	360
agtgaagacc	attgactacg	aagatgagta	cgatattgag	gccgaatcgc	tcttagagac	420
aaqacgcaat	gcgcagcaag	ccaacgatga	cttgttggac	aatgagcatc	gcgaaaacat	480
cgacagtaac	ctcgcaaatg	attcctccac	cttgactgag	gatctactcg	ccatggacga	540
agatgtttca	aatgatgact	atgaccaatg	gtttgaagaa	agtattgatg	aagaagctat	600
gtcttttcgag	aagtggagga	acgtattagt	aggaaaggag	aagtttgt		647

<210> 6313
 <211> 695
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(695)
 <223> n = A,T,C or G

<400> 6313						
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tggagcgctt	ggactttcga	cacttgggac	actgagcact	tgaagaaata	cctgtcttca	120

atgaatgcaa	aggcagctca	ccgcgcagat	ctgactcggg	atgagctggt	gaagcaagct	180
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tacatggcgc	aggctactga	cgctgccaa	tcttccacct	tcgacacctg	gtctcattct	300
gaacttaagg	cttaccttga	ctcatatggt	attccgggtct	accaaggctc	tagccccaac	360
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caaggaacaa	tctatgcaa	gctccaggat	gctaccaact	ggctcctgga	tcagttgaag	480
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gctgcggatg	ctgcggaaga	aatgcgagcg	gaactgtgaa	tttggggagt	ctagggagtt	600
tttaatctcg	gtcacgattt	gatgactnng	tacagtacct	tttgattctt	cgtcgttttc	660
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<210> 6314

<211> 462

<212> DNA

<213> *Aspergillus oryzae*

<400> 6314

cgaggccaag	atgtttctct	agacccttcg	ccgtgctgcg	gccagactg	ctgglyccta	60
ccgtctctct	tctgctccca	agtacactac	tcctcttaac	ttccacgggtg	tgaccggttg	120
cgctgccacc	aagtatgcc	agattgccgc	cactttcggc	gccagcgtg	gtgtcttcgc	180
tctctctctt	ttcgggtgaag	ttccccgtgt	ccgcaacgat	atcctgcgtc	agcttctctt	240
cttcgaccag	tacttcgacc	gcaccattgc	ccccgaggac	aacccttctt	aaacctttcc	300
ttacgaagta	cgatccatca	accatatcct	actcgcaggg	atttcttatg	tttgccgata	360
tgctccctat	cagctatata	gtggagggaag	gagtcgggtt	tgtactgtgt	agaatagcag	420
cgatgaattg	tgacagcaca	tagacacgcc	tccttaatta	tc		480

<210> 6315

<211> 776

<212> DNA

<213> *Aspergillus oryzae*

<400> 6315

ccggattcgt	gcggtgttcg	ctgccgccaa	ggcccgtatg	ctcggagtta	tgggccccaa	60
gccacagtgc	ggtcgctctc	gtcctctctc	tccccaccac	gatgggtatg	cattcccgcg	120
ccaggccgaa	ggccacgtgg	gacgtcccg	ccaccctcac	caccaccata	tgcaccatgg	180
ccctcacggt	aactgggagc	gcactgcctc	tcgcgttgtc	cgctttattg	tcattcccgc	240
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ggtagtgttc	ttgtggcagc	gctatcgccg	ttctgaccgc	gaagagtctc	tggagcaagg	360
cactacttct	gagaagcagg	gcttgatgac	cgagtctact	gatgaccttc	ctcctgccta	420
cagtgcgcag	gaggagccag	ctgaggccgc	agccgaccac	aagaactgaa	cgaattttac	480
ttttttcggg	cgttgagata	gaagggaatc	ttcttctggg	aaggacaaag	gatcggcggg	540
aagctatctc	agctctgtca	aacaggaata	ggatctagga	atttttattg	gttgccagtg	600
acttttaggg	aagattgact	tgaagcctgc	tttctttcat	ttatcatcac	cgtttctctc	660
tacttgggtc	gctatctcct	tcattccgtcc	ttttgttatt	actatatttg	tatactctgc	720
ccttcgggga	atgtgcttcg	cccgcgcac	tcaacaatcc	cagagagctg	ttgtgt	780

<210> 6316

<211> 1274

<212> DNA

<213> *Aspergillus oryzae*

<400> 6316

ctctttccat	ctgataaggc	cctacacatc	ggtatctatt	ggtaagacaa	ttgcaagcga	60
gcccagtcgc	ctttgagcac	aagtctgtta	acactatgaa	ttcgacgcta	ctgtcggtct	120
cccgaggagc	ttactggggc	cggtttgaaa	agatatctaa	atacaatacc	cattttaaatg	180
tcctcgagag	gctttggaca	gcattggtatg	catggatgca	aaagatgttc	ctggcgaactg	240
gcateatgtc	ttttgttatg	cacgagatag	tttatttttg	gcgtcccttg	ccctggatct	300
tcatagacag	tttgggccta	ctcaagggtt	ataaaatcca	gagtaataaa	attccttcat	360
tgcgcgagca	atgggattgc	gcgaaatttg	tactactgag	ccattttaca	gttgaactac	420
ctcagatctg	gctattccat	cccatggctc	aattcttttg	ccttttcgacg	tcggttcctt	480

tccccacttt	ttggacaatg	gcctaccaaa	ttgcaatatt	cttcgtgctt	gaggatacat	540
ggcactactt	ctcgcacgga	gcacttcatt	gggggtccct	ctacaaggct	attcacaaaa	600
ttcaccatca	gtattcagcc	ccctttggca	tggcagctga	atatgcttct	ccgatcgagg	660
tcatgattct	cggtttcggg	actggttggt	gtccgatact	ctgggtgcga	gtaaccggcg	720
atctgcacat	tttcaccatg	tacgtttgga	ttgtactacg	gctgttccaa	gctatcgatg	780
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ctgaccacca	tgatctccac	cacgagaaat	ttgtcggtaa	ctactctagc	agcttcagggt	900
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acaaggctgg	aggagacgct	cggaaagacc	agtgatattc	ctctcgcaat	tactggcgac	1020
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ttctttgagt	tcattggatgg	cttatcccg	aatttgatat	cgagcaacct	tgtctataca	1140
tcctcaacca	cctgcctgat	gtacagcagg	ctttcggtcc	tgttgaggga	aaggcggagg	1200
tatctatttt	attgccattg	gattatggct	atggtgtggt	tccatgtatt	aatttgagta	1260
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<210> 6317

<211> 737

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (737)

<223> n = A,T,C or G

<400> 6317

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tccttactac	ccagctcgaa	gaattcaagt	tctgggtgca	atatgcggct	gccacctact	180
gcccacaata	ctacggttgc	aaagacggcg	aaaagctgaa	ttgctctgtg	ggcaactgcc	240
ctgatgtcga	ggcggccggg	tctactgtca	agctcagctt	ctccgatgat	accatccacc	300
acactgcggg	cttcgtggcc	gtagacaaca	ccaacaaggc	catcgctcgc	gctttccgtg	360
gctcctactc	tatecgcaac	tgggtcaccg	acgcaacctt	cccccaaacc	gacccaggac	420
tgtgcgacgg	ctgcaaggcc	gaactgggct	tctggaccgc	ctggaagggt	gtccgcgacc	480
gaatcatcaa	gacctgggat	gagctgaagc	ccgaacacag	cgactacaaa	atcgttgtcg	540
tgggcccacg	tctcggcgcc	gtcatcgctt	cgctcgcagc	tgcggacctg	cgcacgaaga	600
aatacgacgc	gacctgttac	gcctacgcgc	cgccgcgtgt	ggccaacaag	cctcntgccg	660
angtcatcac	caaccagggg	cacaactacc	gcttcaactca	caatgacgac	cccgtgccaa	720
gctgcgcgtc	ttgaactt					737

<210> 6318

<211> 639

<212> DNA

<213> *Aspergillus oryzae*

<400> 6318

ccatacagtc	tcgctctctc	aattctcaac	tgatggtaaa	cactcactcg	tagtgagaac	60
gagaattago	gacacaagat	gcctccgaag	tcgcgaaac	caaccagcga	tgagcttctc	120
qctcaatttg	acgacctagg	ggtcgactcg	accgcggacc	agcctacctc	caagccagct	180
acacacagct	ccacggcgca	aactgaagac	gataattctg	ccgaacttga	tacactagcc	240
tcccagcgtc	ctagcagtg	acccgggtacc	ccacgtctat	cgacaaatga	gcccaggccg	300
gacatcaaat	cccttaaac	tgttgcaact	acccctcaca	ctgggcgttc	tagtgaggac	360
aaacccgcgc	cccgtaagtc	cacggagagt	gcccgggttt	catttgccagt	aaacaaagat	420
acggatgtac	agccatccaa	gaccgagaaa	ccagcagcca	aagagcccgc	ctcaagcggg	480
ggtgggtggt	gctggtgggg	agcccttttc	gcaactggca	ctgcgaccgc	caqtgctgca	540
atgaagcaag	ccgaggcggc	cgtgaaagaa	attcaacaag	aahgaagaag	cacagaaatg	600
ggctcagcag	gtgaaaggaa	atgtccgtgc	actgaaaga			639

<210> 6319

<211> 670

<212> DNA
<213> *Aspergillus oryzae*

<220>
<221> misc_feature
<222> (1)...(670)
<223> n = A,T,C or G

<400> 6319
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cttcagtttt gacaagaatg ttgcccattc atccccctggg ggtgctgcat ccccatctaa 120
ctccaatgag aagccccaga cccacgactg ggaagcgcta tttgcgccac ttgacaatgt 180
ccagagccct ggtgctgcca atggcactaa cactgctaca gcaacgtcac caaccggcca 240
tgatggaaaag gcaccaggct gggctctcca gaccggcaca gaagatgacc aaattcttca 300
gcgcttgacc ggcattgggtt tccctcgcca agaatacatt getgcattgg aaaagtctga 360
tlacaaacctt gacaaggcag tagatcacct gacatcgaaa tcttaatact ctcttctct 420
tttcttttcc tctctaccat gcacatagct tccctttacc cactcgctcg acactttatc 480
ttcttttctt ttgccttttc ttttccttac tctggatttg atctattggg tggcttgcat 540
atccgtactg ctgtcatgta tattccccaa nccgtaccct caccctacc catgntatgt 600
aaccacacat gcttgtttga cagaaaggat atgaattcng agggatgatg gacagatata 660
ctatggacct 670

<210> 6320
<211> 622
<212> DNA
<213> *Aspergillus oryzae*

<220>
<221> misc_feature
<222> (1)...(622)
<223> n = A,T,C or G

<400> 6320
ccgtctataa cgaaagcttc gtcgaaggca acaccccgaa ggggcccacc gagccaagag 60
acattggacg ctatgnagcc acaaccatcg aagacgagcg gacattgaac aagatggctc 120
atgcatacaa caccgttaag acacagaacg agatctacga cttattggag gagatcagcg 180
aagagaaaat ccaaaggaat cacattcccg aggaaagcgt ctacactcgt gtactcgccg 240
ccagacagtc tagtgagact tatcccttcc aaccccgcca aattatcccc cgggatttgg 300
ccagaccca gttgggttgg gtattcgggg ggtacacccc cggaaacgca gaaaccttcg 360
atatctgate gccaaagaacc ttaccggacc tcaggcccgg ggcttcaggg agttcttgaa 420
accgcgtcga gcacagcgaa gggggatccc cgaccgttgg gttcgaaagt cattacgggc 480
tttccacccc aaaatcaccg attcgtgata cctcgaattc ccaaaactga gtccacgact 540
cccttttcag cggaggggcc ccgataaacac tttgacctt ggacggagg tattttccca 600
cttttggaag ggggttaaga gg 622

<210> 6321
<211> 691
<212> DNA
<213> *Aspergillus oryzae*

<220>
<221> misc_feature
<222> (1)...(691)
<223> n = A,T,C or G

<400> 6321
gtatatagtt agcttagcaa ctatttgagt catcaagtta gtgtctgcac ctgtcagaga 60
ccataaatag cactgctttc ggccagggtc tcacgatccc aaccttatca accaacgtct 120
tccaatccaa tatgtcctcc ccacacccc tggtatgcac gcccctatgt ctccaacttt 180
tatcaaaact ccataaattg tcgttggagc aggaagctac catcgctaaa actggcaagg 240

tcttctcggc	cacggtcata	ggtgacttcg	aggacaagct	ccttgagaag	gatgcgacag	300
ccgagttcga	caagctgatg	ctcgataaat	ttattgctct	cgatgaggat	aaatgtcagt	360
ttgtatatca	attaatcaac	gcgatgggag	ccacgaatgt	ggtggaggcg	ggaaccagtt	420
tcggcgctcag	cactatctat	ctagctctcg	cggtagctaa	aacgaaagct	gcgacaggaa	480
agcccggtgt	ggtcatcgcc	acagagaaag	agccagagaa	ggcaaagatt	gcacgagtct	540
actggaagca	atgtggcccc	ncggttggag	attgagaatg	actttcgcga	aggcgatctc	600
cttgaaacgc	ttgaggagaa	cctgccagag	gtcgacttac	tcttactggg	aatntggccg	660
aaacttgccc	ttccaacttt	taaaacagtc	c			691

<210> 6322

<211> 560

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1, ..(560)

<223> n = A,T,C or G

<400> 6322

cgaggcgcaa	tctactgctg	tgcagcaagc	cacgggatct	gttgtcaata	acccgacacc	60
gacactcgga	tcggtgcctg	tagtcacagc	aacgcattca	tcacaaccac	caactctgcc	120
acttactacg	cgcgcgcaga	caccgatgtc	agccgtctcc	caaagcggga	caagcactat	180
tagcaatagt	gttttaggca	agcgagccag	cgagtctgaa	aaagaggaaa	ttaaggatca	240
gaattctgtc	ccacaagtac	aacagccgaa	gaaaagacga	gtagcaccga	ctctcgtttc	300
taccggcaac	ggcccttcgt	caaaagatgg	cccccagaat	accgacgttg	gcggctaattg	360
ttccttggtc	aaccaagctt	cataaaaaac	ttcccagacg	gatgtataaa	actctgttct	420
cttgtctact	gagtcgactg	cggatgactc	gagtgcctat	gatatctttg	ttatgagtaa	480
tgtgtccttt	tttcgcgcgc	tcacacaagac	tncgcataat	gtttacgtcc	tgtgggattt	540
acctaccgtg	ctctgggatn					560

<210> 6323

<211> 1130

<212> DNA

<213> *Aspergillus oryzae*

<400> 6323

cttccagtct	ttcgaccact	gtatataata	ctctcggttg	atctccgaga	ccttttcgaa	60
gacaattcca	ggagactgtc	aaaattagat	tatactcaac	ggcacaactt	taataattac	120
ctatcttggg	cgcgtcgggc	aatagcggaa	ccccccaatt	ctcgcgcaat	ctcttcgcct	180
caacccaaaat	tttttccttc	tgaacaatct	tgatctctct	cttacaccat	atattcaaaa	240
tgcacgccac	tgtctctctc	cgtcccgctg	cccggaactc	tcttattcgg	ttccttgggc	300
gtcgtctggg	gcctcaatct	attgaaccaca	ctcctcgccc	tcaccccgc	tctccttcag	360
gcgcctctcc	cgactcgttc	gctgcttacc	gtgtcaaggc	ccagcagcac	ggccctctga	420
gcggtggctc	gttcgttgag	ggcgcgatcg	gccgtagctc	gggtctctct	ctgggccccg	480
ttcagcccaa	gcaggagagaa	tacttcgacc	gtgccgagct	cctcctcggg	ttccagcgtc	540
ttcgtgggag	ccagcgtgag	attgaagcta	tcgagaccgg	tgggtgctagt	ctcttcgctt	600
aagccctctt	ttgtgtacat	gaatgagggg	tgatgcaatg	aagacgatta	caacgataaa	660
agttagatga	ttggggtaact	cgtttgcttg	gagggtcact	gttgaacgga	gacacgacgc	720
aagttagctct	cggatgtctt	cgaagcgata	cgaaagaact	cgggatagcc	cgtggggctc	780
ggttaatctc	acgtcgtcgt	ggaccctaan	atcatttagtc	gacgggggtg	ggaagcttly	840
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tttatttttt	ctggcgtggg	atatgggggtg	ttatcgtctt	gacgtcgggt	tgcggaatgt	1020
ttaggttttt	aaacattcat	gcataagatgg	tttcatttgg	tqctagactt	tggcctcaag	1080
gaagacaaaa	tggttaaatgg	attctttaaat	caaaaaatccc	aanaaccttc		1130

<210> 6324

<211> 773

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 6324

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tttatttcga	tatgccgctg	ggcgacgcgc	gcacccagcg	ccgcatcccg	aactatattt	180
cgcacgggtc	caacttgtct	gcttcgctgc	agcctcggtg	tatgttcaac	cagaacaacc	240
atgaacaggc	cagttcgctg	acggtgcatt	cgcagagcta	ccccattccc	cagccgcaac	300
atgtggaccc	cactcagggt	ttgaacgcca	ccaattactc	gaccggcaac	tcccaccata	360
cgggcgccat	gttttcattt	ggagccgatt	cagataacga	ggatgacgal	ggtcacacgc	420
tgtccgagcg	ggctggctcg	ggcatgcgga	ctgaatatgg	ggacgaggac	gggttctcgt	480
cyygcacgca	ytgggatggg	cagttcccg	gctccttcca	ttcgctggcg	ggcttngggc	540
ctcaacatcg	caagcatggg	accatcggtt	ccacggacct	gatggacacc	cccgaggagt	600
ggattcacgg	tgggcagttg	gggtcggact	catggttcng	tggctttngg	tcaatggggg	660
gncaccaccg	anagcaggaa	tcttngcccg	ggagaagaat	tggcngaac	caaggttcac	720
cccccaatac	cggcccaact	tttgcgcgca	aagcatgcac	tcttaatacc	aan	773

<210> 6325

<211> 996

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(996)

<223> n = A,T,C or G

<400> 6325

gtattactat	agacacaaaa	tctcttaagt	caaagcataa	caagaacaag	aaaacaacag	60
ccatggcccc	tatctccacc	agccccctc	ccaccgaccg	aaactccctc	gccagctaca	120
gaggetacga	ccatgtgcac	tggtacgtag	gcaacgccaa	acaagccgct	acctactaca	180
tcacacgcac	gggtcttaag	cgcgtcgctt	accgtggtct	cgaacacagg	aaccgaagca	240
tctgctctca	cgtcgctcgc	aacggagata	tcactttcat	cctcacttcg	cctctgcgct	300
ctatcgacca	gacgacccgt	ttctccagcg	aggaacagga	gcaactgaga	gaaatccacc	360
accacctgga	gcagcacggc	gatggcgctc	aagatgttgc	gttcgaagtt	gactctgtcg	420
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tgaaggatga	gaacggcgag	gtcaggggtg	ctactatcca	gacctatggc	cagaccacac	540
atacactgct	tgagaggagc	aactaccgcg	gtgctttcat	cccgggctac	cgctctgaga	600
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gtgttggaaa	ccaggactgg	gatgagatgg	acaaggtttg	cgaatactac	gagaaagccc	720
toggattcca	cgtttcttgg	tccgtcgacg	acaagcaaat	ctgcactgaa	ttctccgctc	780
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gotagggcta	gaagcagttc	cagatcgagg	aatatgtcga	cttctacaac	gggtcgggtg	900
gcagcaactn	gctcttctga	ctgacgacat	tatccgagac	atcacaaccc	tcaggctnng	960
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<210> 6326

<211> 1079

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(1079)

<223> n = A,T,C or G

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aattttcate ccatttcttc tttttgcgcy tcaagtgtcc tttcgtccgc catggetget 180
cttcgctcaa cctcgcgct tgtegcatec tccaagcctc ttttcgccc agctgtcttc 240
gctcgctcct atgcgactgt cgatgcggct gccacggatc ccaacccgtc cgagacgcca 300
cgcactaaaa ctttccatat ctaccgctgg aaccccgacc agccgaccga gaagcccaag 360
atgcagtcct actccctgga cctcaacaag accggaccca tgatgctoga cgccctcatt 420
cgcataaaga acgagatgga cccacacctg accttcggga gaagtgtccg tgaggggtatc 480
tgtggaagct gtgctatgaa catcgatggt gtcaacactc tggcctgctt gtgtcgctt 540
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gatctggtgc ccgatctgac ccagttctac aagcaatata agtcgatcaa gccttacctg 660
cagcgcgaaa ccaagaccga ggatggcctt gaataccgcc aaagtcccga agacgcgaag 720
aagctggatg gtctctacga gtgcattctg tgtgctgct gctccacctc ctgccccctg 780
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cccgcctgtg caatcgccga gatcaagaag ttgatggcgg ctctattaag agtaatggat 1020
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<210> 6327

<211> 636

<212> DNA

<213> *Aspergillus oryzae*

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<400> 6327
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ttatctcgac gataacggta atgacaagca tctgttctac tggttcttcg aatctcgcaa 180
tgatcctaag aacgaacccg tcgtgctctg gctgaatggt ggccccggtt gctcttccct 240
cactggtcta tttatggagc tgggacctag cagcatcgat gagaacatta agcccgctca 300
caatgacttc tegtggaaat ctaacgcctc cgtcattttc cttgatcagc ccgtgaacgt 360
cggctattcc tacagtggct ccgctgttag cgacactggt gctgctggca aggatgtcta 420
cgctctgctc tctcttttct tcaaaccaatt ccccgaaatg gcggaacagg acttccatat 480
tgccggcgag tctacgcgc ggcattacat tccagtcttt gcacccgaga tcttgggtca 540
caagaaccgc aacatcaacc tcaagtcagt cctgatccgc aacggtctca cggacgggct 600
cactcagtae gggtaatacc gcccatggga tgtggc 636

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<210> 6328

<211> 681

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(681)

<223> n = A,T,C or G

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<400> 6328
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tcccggacca tcacgcgaac ccccatccgc aacctccgac castatcaac atgtcttcca 180
aaacacccctt caccagtcag gatcacgaca accaagcccc tctctctatc tctcccccag 240
ttaacgactc aagcacgatg gggatcaacc caaacctcca gcggtaaaaag ccaagccgac 300
ctaattggtcg aggaactcca agaactctac gagactgcta aggatgattt cgaaatcgca 360
accgacagca caaacggcac gaccatctac gcggcctcag accgggagtc ggccgcgcgac 420
gcattgaatc agctgagcgc ggtgttttgc ctctatacga ccgagatgcc ctcatatgac 480
gagtcgcate agccgcagca gacgcagccg gatgattccg ggagtcaaat ggtgtcgacg 540
tattttgate cgggggacat tgcacctgag gtccgccagg aagtcaaan gaaggttttg 600

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caacgggtga	aggagcttgc	gaatgcngtg	ganngcgtng	angaaanggc	taangattga	660
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<210> 6329
 <211> 293
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6329						
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caggtggcgg	tgccgcccag	ggtgggtatgg	caggcgctct	taaagccgct	ctggacaaga	120
gaaagcagaa	agttagcggg	agcgatgacg	aaaaggagga	cgacgatgat	tggtaaactc	180
ggtggctact	tctcaatttt	tctttatgtg	ttgctgtggg	ttagatcggt	ctagtttcgc	240
ttgatacct	catattgcag	cgttcttcgt	ttcaatattc	agcattattc	ttc	293

<210> 6330
 <211> 1017
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1017)
 <223> n = A,T,C or G

<400> 6330						
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cagaaacggg	gattatgttg	cctggaacag	cagccgagaa	ccaccgggtg	tccaaacaca	180
tcatgaccgt	aacgatcgcg	aaaacgcttc	aggggcgcct	cgagaaaaac	atcaccgcca	240
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acatagcaaa	tcccggtgacg	ggcggttccc	tcgaataatg	aaccccatcg	cctcctccgc	360
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tgaatctact	acgggactgg	gtactggtag	caggaattct	cgctctcgcc	gtagctctta	540
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tggccacaga	tattcctgaa	gatagatatg	cgtgtctca	atattcatcg	aagctaattc	720
ctcgtcacga	taccgctac	gctactgacc	cggtaacctg	gacgtctgct	aatcccgagg	780
atgcgagggc	tactgaccaa	gatcggttga	gaattttcga	cgaactctga	caaggcgata	840
ttcccagagt	cctagagcgc	aacgggatac	acatttcttg	tcaaggccag	cctttgatcc	900
ctttgacaac	ctatcgagac	ttttngtata	tattgacacg	ataccaata	tgncataact	960
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<210> 6331
 <211> 580
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(580)
 <223> n = A,T,C or G

<400> 6331						
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gtggcaggcc	atccatctcg	cggcaccatc	gacaaccatc	cgagccatcc	aagcactggg	180
cgtgaatccc	cggaaaagtc	gagttctgca	tcgaaccaga	gtcgggagac	atggagccga	240
cctaacagta	ccgtgatctc	ccatgaacgc	cggtcttctg	attcattttc	aactgcccac	300

acgacgatct	cacaacggca	agcagaaggc	gaacatctac	tgccaaatga	ccttgaacct	360
tcctctccga	ttgacctgat	accacggcct	ctctccatct	ccaaaccgaa	ggctgagtgg	420
atcggcaacg	tccgacgagt	gctctctatg	actcgaaaagc	ggcctcagtc	atctggggat	480
ggcagtgtcg	cttctacagc	ttcgggcctc	gacaggagga	gtgccgtgct	tggatccgca	540
nggcctctgt	tcgattatga	actggagtcc	aagctgcctn			580

<210> 6332
 <211> 619
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(619)
 <223> n = A,T,C or G

<400> 6332						
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cagacagcaa	ggatgatgat	cccaacatct	gcatgctgag	gaagaaggca	cataaccagg	240
tggagaagtg	ttatcgtgca	aacttgaatg	caggggtttaa	acagctcgaa	gatgtcacta	300
agcaagactc	cacgaccgca	acgagtgata	ccaagatggc	gaagggcttg	agaccggggc	360
gcaaagcttt	gattctgcaa	caagcctatg	agcacatcgt	ctgtcttcag	gctgagcttc	420
ggtcgttgca	gaagaggctt	ggtgaacggt	aacgctaggt	ttagatattg	cattatacac	480
tcattctatg	ctatatacca	cactcgctgg	tatcgtccaa	tttactgtac	cgttaatcat	540
gtgttaaaat	catactgtac	ctaatacatca	tgcttacatg	gttttgagtg	aaaaaaaaan	600
nnnnaaaaaa	aaaattcct					619

<210> 6333
 <211> 696
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(696)
 <223> n = A,T,C or G

<400> 6333						
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ctttgtcctc	cgagcagcct	agcttttaca	ccgaagcttt	tcagcgttct	ccttgcctct	180
gtgcagactc	tgtttggctc	tgatcatcagt	gtgggtatgtt	cgtacgcaac	agtgcacaaa	240
cgtaccgcgc	agtatggaca	tggcgaacca	ggtacagtac	ctatctggga	gggctaggca	300
ctggaattgg	cgaaggctgt	cagggagtca	aatgcggtcg	tggagaaact	tgcttggcag	360
ctcaagaaat	cgagctagaa	gtagaatgtg	aagcagacga	gtcttcgggc	agtctacagg	420
ggacggggata	tggaaatgag	gaagcacata	accatcctaa	cgaccgtcgg	gacagccgtg	480
aagaagaaga	gcggggttat	ttccgacaag	agatcatcgg	aattggaggc	gttgtcaaac	540
atnaagcaaa	gaaacgggtc	atgggtgggg	ctgtctatgt	tgagcagcaa	gatgagagag	600
aaacggggcca	gtacttggct	cgtgaagagg	ctggacaaca	tcgaanctgg	tgtggatggt	660
gttggagagt	gattccatcc	aagagcgact	tacaaa			696

<210> 6334
 <211> 636
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature

<222> (1)...(636)

<223> n = A,T,C or G

<400> 6334

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tcgtgttcga	atatcaactg	caaagatcgt	tggacttcaa	gttttgaagt	gaaaagtcac	180
gacattcatg	atgttttccc	gtttttatat	cgtcagcctt	ttttcttttc	ttttcgattt	240
cccccttccc	cattcttctc	atttttcctt	cttcttttct	tatttgtttt	ggttgggcat	300
atctactggc	ggatgtcact	catagattgc	gtttcttgac	gttggttgac	tttggacctt	360
ggtttccctt	tttaccactt	ttccttctac	tcagcttctt	gccttgagta	ccatggcggt	420
aatacctcgt	ttcattcgat	tccttgcgcg	gcttggtgca	ttgttttggg	tggcagaagc	480
tgatcatatt	ttctcttcac	tttaattgga	gtcttctctg	atgctacgac	gtcacacccc	540
gagatttcat	tcggcctgct	ctgaccccg	gatcgaggat	tatttctctc	ggntgtagtt	600
tattttcttt	ttgaacactc	aacctttggg	atttat			636

<210> 6335

<211> 694

<212> DNA

<213> *Aspergillus oryzae*

<400> 6335

cacaagagtc	tcattttcaaa	ccaagcctcc	aactatcata	attctctcac	ctatttccctt	60
agaatcatcc	atccccatca	actcgctctc	aaaatgaaga	ccacattcgc	cgtcatcatc	120
tcgctctcca	cggcatctat	ctcggcgcgt	cctcttgagg	cccgtcagtc	caaccaagtg	180
actctggccc	tgtctaacga	ccagagcggg	gcctatgccg	gcgttgccct	cgccgctgac	240
ggaaccgaca	agagcatcaa	agctctctac	ggcggcacct	ctggttgagc	gagcggctcc	300
gttctcgctt	cttcgcctca	gctggcatca	ttccctcaga	caatccactg	cgttatcaag	360
aacaacggcg	cagtcattgc	aaatctcgat	gctcagcata	cctttgctga	tttggacgga	420
aaccgggctt	ctgctactcc	tgtaaacctc	gaccacggta	ttgtcaactg	cagtgcctga	480
tgggatttta	acagaacct	ccatcttcac	acgggactat	ggcggttaga	ttaatgagtg	540
taatgagggg	gtttcatgat	cggatgaatga	attgagctta	atgattgatt	tatgtgcctg	600
aaagcggggt	aatgtgcaag	agttcggttt	ctgataatca	agcgcaagac	catatatgta	660
cgcactaata	gaaacctgat	ttcactgctg	agaa			694

<210> 6336

<211> 553

<212> DNA

<213> *Aspergillus oryzae*

<400> 6336

cggcgcatga	tgcactgat	gcattcgaaa	tataggaagt	ataagcgcg	gaccccgcat	60
tqqqcccqag	ggggtcgctc	ccccaaaacca	ctatggacca	ttgaaaagaa	aggcgaaaag	120
caggaccgaa	aaaaaaaaat	tttcttttct	tcctaatacg	caaattttat	ctccattcct	180
ctccttttat	tcctccatcc	atagtatact	cgaacaaca	gacaacctac	acagacaaac	240
agaagcaacg	cgcggttggg	ccagtggccg	gtcggataac	ccctcttcgc	ttcgtagct	300
ttataaatcc	acacacccac	gatctgcccc	ggagctccga	ccgatacggt	tagggcgatc	360
gagagggccg	ttcggctgtg	tgagcggagg	ttggaggaga	gccagccgag	aagagggggg	420
atacaggcga	aggacccgct	cgtggctact	atcagacagc	cgtagcgatg	ctagcataaa	480
ctagtagcag	ccatagaagc	tggcaagata	ggcggttcaa	cgtatgaagt	atgcgtccga	540
tggaagaacg	tc					553

<210> 6337

<211> 659

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(659)

<223> n = A,T,C or G

<400> 6337

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tcagtctagt	gtcagcagtg	ggtttgccag	cttgaagcgc	agccactccg	tgaagtccaa	120
cgtctccgat	cggaaagtc	attgggggtg	cagaagctct	gtagtgaaca	aagagaacga	180
ggtgttcccc	gaggaggatg	agaaccgcag	tgacattgaa	agtgatgtgg	gtacagagcg	240
caaaacaagc	tacgccggta	gtatgatgta	cgaggcaggt	agcactgtgt	ctaatgatcg	300
acggctaagt	ggctccagca	ccgccactga	gatcgttggc	aagggctctc	actcagttgc	360
cgatgacggg	gacgggtgct	cggatacaca	tgacgatcct	aaggccgacg	atccagagct	420
agactcagag	tcgtctaaat	tggtactcta	cggacaacat	agcgacagtg	ggattgggtg	480
tgcgagtgtc	ncaggatacc	ttcaggtgat	gacctgattg	atgtttaatt	ggtgatcatg	540
tgacgcctga	tatggattct	tgagatacca	ccgatggacg	gttccaccgg	ataattccag	600
cagtgttggg	aattgttcta	cactcgccct	ttttggactt	tccctttgga	gagagttcg	659

<210> 6338

<211> 678

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(678)

<223> n = A,T,C or G

<400> 6338

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gtcgacgcaa	gtcgggttac	atccgatctc	acacatgcaa	tgccagccgc	acgccaccgc	180
tcccaccctt	ggatggacac	ggacgatgtt	tcaatcgcca	tggtcgagca	tgccgggctt	240
tcccagatc	atgagaccgg	ccactcagag	gtgtcccatt	catggagcgg	cgaaacccac	300
gcaaatacat	cgtatccoga	tcgagaactt	agtcgggtgg	actntacctc	cctacatcac	360
cagaggagcc	tcccgtcgaa	aacgtcgaca	gaaagtccgg	ggtgacaccc	tagattcttt	420
ttcccttttg	atcccttacc	ctcggaaccc	cccattctcg	tcggttccct	tacctgaatt	480
ttaacccctg	agtggccctt	ttcaccgatt	gacgattatt	ggaatcccga	attgcaaaaag	540
cctttttaa	tcggggcggt	ttcccttata	cgggacggaa	actatcgggg	gaattcggga	600
tggccaaaac	ttctttccga	tctcccttgg	gaaggaatct	ttgtgcacca	aggttctcaa	660
ggttccccct	ttcccccg					678

<210> 6339

<211> 481

<212> DNA

<213> *Aspergillus oryzae*

<400> 6339

ggtgatcaga	gccagctgag	ctgggtctgag	atcccgcctc	ccctccttac	aacttccctg	60
ccaggcaggt	cgtctcgtcg	tgctcgtcgc	ccaaaggta	ccgctcgtcg	ggcctcgcgt	120
gaggaaaacg	ggacgcgcgc	ccaccccagc	cgcgcttata	ccgcgcgagg	ccgtgaaaacg	180
tctcgggtgg	gagggtctgg	gtgacccaag	cccggtggcc	gtttggctgc	cggcaccggt	240
ggggctctgt	gatacttggc	cgtctggcct	cctcgaaaag	cagattccag	gggggagcgc	300
ccctgcggta	gcgcgcgttc	gtcggcgtgt	ccgcagggtc	tggtccccc	acccgagggc	360
cgtatgcgcg	aggcctgtct	ccgccttttg	gggtggtcac	gacgggaaca	accttgcggtg	420
gggaccggat	cctgaggggt	tccagtgggg	gcaattggat	ggtcgcctgt	gtgcgcgcgg	480
a						481

<210> 6340

<211> 1209

<212> DNA

<213> *Aspergillus oryzae*

<400> 6340

cctcagagtc	aacgacaatt	gctccgcccc	cgttcacact	ctctccctct	cgcggtcccc	60
taccatcgtc	atcatggctg	agcagctggg	ccttcgcggg	accctcgagg	gtcacaatgg	120
ctgggttact	tccctggcta	cctctttgga	gaaccccaac	atgctgctct	ctggcagtcg	180
cgacaagacc	ctgatcatct	ggaaccttac	ccgcgacgag	caggcctacg	gttaccctaa	240
gcgcagcctc	gagggtcact	ctcacatcgt	ctctgactgt	gtgatctcct	ccgacggtgc	300
ctacgtcttg	tctgcctcct	gggacaagtc	tctccgcctc	tgggagctcg	ctaccggcga	360
gaccacccgt	accttcgttg	gccacacca	cgacgtctc	tccgtctcct	tctccgccga	420
caaccgccag	attgtctccg	cttctcgtga	ccgcagcatt	aagctctgga	acaccctcgg	480
tgactgcaag	ttcaccatca	ccgacaaggg	ccacaccgac	tgggtctcct	gcgtccgctt	540
cagccccaac	ccccagaacc	ctgtcatcgt	ctccgctggg	tgggacaagc	tcgtcaaggt	600
ttgggagctc	gcctcctgcc	gcctccagac	cgaccacatc	ggtcacaccg	gtacatcaa	660
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catgctctgg	gatctcaacg	agtcacaaga	cctctactct	ctccacgctg	gcgatgagat	780
ccacgtctct	gtctttctcc	ccaaccgcta	ctggtctctg	gctgccaccg	ccagcagcat	840
caccatcttc	gacctcgaga	agaagagcaa	gggtgatgag	ctcaagcccg	agtacatcga	900
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gactctcttc	gctgggtaca	ctgacaacaa	gatccgtgcc	tggggtgtca	tgctgagggc	1020
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tttttcttta	acaaaaaagg	gcaggcattg	ggtgggatgt	atgagccacg	agccattaag	1140
ccctttgggg	gtcccttagc	gggactcgga	gggtataccc	tcgtgcgtaa	ttcggcgaga	1200
gcgggattt						1209

<210> 6341

<211> 1363

<212> DNA

<213> *Aspergillus oryzae*

<400> 6341

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gggccatgat	aaccatgttt	ccacactcct	cgagtggcat	tttctcgtcg	tcgcccttag	180
gatggcccg	ggcgttcggg	tagtggttcc	caatatcgtg	catggcgat	gtgttgggat	240
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caatggaatc	gttggtatc	gggtcatcga	gatccttcga	tagtgcagct	gcagcagcat	540
aatcatgatg	caagggtctg	agcgcaacag	tcccagttag	tcagttagctc	gtccacagta	600
agggatcaca	gtagtgcgcg	gtgggtgata	gtatgccgag	atggatcctg	aagtctgat	660
attctttaaag	cgccttatct	cgacctttct	cacctgtctg	cattttgaaa	tcagacccct	720
gctcctctcg	gctacttctc	agtaacgcga	actacgatgt	ttttctaccg	ggtaactgac	780
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cgagtaacac	tggatccctt	tatacaagac	gatgctatag	agctcgtgga	atatatccag	900
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gacacggcca	aaaccgaagc	actgcgccgg	gtgaacgatg	gcaagaagag	tgctgttctc	1020
tggaaaatct	gcttggtatg	ggatgacgat	cttgaatggg	caacaatata	cgacctaaaa	1080
agagaactgg	ggttttggat	tcaagataac	gcattccaca	atgccaagta	cgaagccctg	1140
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cagtctatgt	accgcggcaa	tggattttatt	attcaccatc	tttgccctga	agtgatccag	1320
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<210> 6342

<211> 677

<212> DNA

<213> *Aspergillus oryzae*

<400> 6342

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gagatcaaga	attcgggcctc	atgtccatcc	ccacagttag	acgagccttt	ggctcgattc	120
cgaaacaaag	aacgctccaa	tccattcgag	ggctattaca	aatccagact	ctcggctctgt	180
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aacaggcaat	tgaaagccga	actgcgtgta	aatgtatcca	cctggacacg	gaattagtca	660
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<210> 6343

<211> 569

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(569)

<223> n = A,T,C or G

<400> 6343

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aggagatgcc	cctctatccg	ctccttcatt	cgatgaagag	agccggacat	cagccctaag	180
ggaaggcatc	accatgcttg	ccacccgagc	cctaacggag	ggaaagtccg	tttcgtaccg	240
gctgggaaag	tgcctgctct	acatgaatga	tgtctccgcg	gcccgtatgg	catttctgta	300
cgatgcgana	gtcgatccctg	gctctcaaga	tagtgccctgt	gtcgtgtgcg	atctctgtaa	360
aggggaaccg	acagtcacag	aatgaccatt	tgtgtgtcaa	acctgtcccc	atatcggaatt	420
ttgtgtcaat	gtatggacca	ctactaccgc	gagagcttta	aatccggtgt	gtgatgacat	480
catntttaga	ggtcaggcct	atgggacggt	gtggttgcta	tgatttgttt	ggggtaaccc	540
cggggnccct	ttcgcttttg	tgaaaaggg				569

<210> 6344

<211> 678

<212> DNA

<213> *Aspergillus oryzae*

<400> 6344

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tcttatcatg	actcttcgcg	ccttgcaagg	gttgcggtcg	agaactcccg	tgcgcgacgg	180
ccaaccgtct	atgagtagca	ttacgttgac	gatgatgacg	aggatgagga	ggaggacggt	240
gatgagatcg	aggagaagca	acggtcggcc	gaggagtacc	aggcgtctcg	ttccggcaaa	300
gtagtgccaa	cgccattgac	ggaggatgcc	ctgtacaagt	ctaaggcgctc	tctgctggag	360
agcgacagcg	gaagccaaaa	aagccgctcg	aacagcagcc	gtggtagcga	cgcacggacc	420
caaaatggca	gcggcagcgt	ggcccagccg	gaggaagaca	acaaatatcg	ttatgacgat	480
gaatggcggt	acgaagagct	ttacacaaaa	gtctgttggc	gggaaaaaga	tcagtctccg	540
ttcaggtgac	gcgggtgca	tcgaactgac	atcggaggga	agccagccaa	gaagtctctg	600
caggggggtct	gaactccggg	aagcgggggg	cagaaacagt	tagaagaacc	ccggtgggct	660
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<210> 6345

<211> 695

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(695)

<223> n = A,T,C or G

<400> 6345

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gccaacgaag	tccgtgtgaa	agacgatacc	tacgcctatc	gcaatatgaa	agttgtgctt	120
ccgatcatcc	tttattagag	gaggacgaat	tatcggacac	cgaatgggaa	cctgtgcaac	180
agcctgcctt	cttggacagc	actccaacga	agtcttcacc	ctctcgatcc	ttcccacggc	240
taggatctac	tttcaagtcc	aatcttacgg	cgtcactgcg	agcaataaaa	tctgcggcac	300
agacagtttc	aacgtttgct	acgcctcccg	ttcagccgga	tgattttctt	actcggctctc	360
ttcttacgat	tacaccgaag	atgacggacg	accgtcggcc	tccgcccattg	aacgaaccac	420
cttctccggc	gctccggcgc	tatttcaacc	ccgttacggg	ttcaccgcga	gaaatttatg	480
cttatcagga	tcaccgcgat	gaaaaccttg	acactaacia	ttgccccggt	tccgttcaga	540
tgcagaccta	tcaccgggtc	gggaaacggg	gttctcgaaa	gagtcgattc	cacctgtcgg	600
gctctaaggg	tgtgtgtcga	tattctcctt	tccgtccgga	gggtcccccg	atgtcccgcc	660
aqcqtqaacc	ccggaanaac	agtgaactnt	tgcgc			695

<210> 6346

<211> 574

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(574)

<223> n = A,T,C or G

<400> 6346

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caatctgcac	ctgaaagata	gaaatggggg	agacgactga	tttatgccgg	aatttttggg	180
ggcctcggag	tgcggcgagg	aaaatgggatg	gacaataaag	tttctgcacc	ggtcgaaccc	240
gaaacgacag	aggatgtcct	aaaactggag	gagattcgtc	gagtatacga	aaccgggcta	300
cctatcgcgc	aggagctccc	aaacaatccg	gactacttgg	aagcggacgt	gtatgggaac	360
tattccgagg	aggacaagaa	gcagagggtt	acgtctggtc	cactgaaagg	gagtcgggga	420
ttagcgctac	agaaagtctt	ttggaacgac	aaggagcggg	aggccgttag	cattgtntat	480
ttngggaatg	gcctggaang	gatgccgact	tgttgtcacg	gcggaagcct	tgccactgtc	540
attgatgaga	atctaagccg	ggtcgcaatc	cgtc			574

<210> 6347

<211> 270

<212> DNA

<213> *Aspergillus oryzae*

<400> 6347

gggttttttt	tggttttttt	tttttttttt	ttccccgggc	ccaaaatggg	accccacccg	60
ggggccccct	taaaaacccc	ctaagggggg	ggttttaaac	gggggagagg	ccccccccgg	120
gggggttttt	cccggggggg	aaaaaaaaag	ggggtttaaa	aaaatttttg	ggggaccctt	180
ttaaaaacct	ggaaaaaaaa	gattcccccc	cccaaaaagg	gaaaagtgtt	aaaaaagggg	240
ggatccccat	ttgggggatg	aaaaatgggg				270

<210> 6348

<211> 703

<212> DNA

<213> *Aspergillus oryzae*

<400> 6348

ggattggctc	gaccgccagc	gccacgcggg	ttattttaata	ctacgcttga	cgttcccttg	60
agattttctt	ttgtgtcttt	gctttgaaga	atcacgttct	ttgcacgat	ataaacataa	120
tagcgtctct	tcagccggct	cttctcttat	tctttgttg	aaatatcccc	atatacatac	180

agtcattaca	tctgtctttg	cggatataaa	cgaccatcta	ccatgcctaa	atacgggtgcc	240
ctcgggtgcaa	ctttcatgat	cgcccggatc	atccaggctt	gctgtcttat	tgctatcatc	300
gggttgacgg	ccaacttcat	cgcagagatc	gtgaacagtg	acctcactcc	tcccagtatc	360
tttatcgga	caatcacagt	gacctgcata	gcagtaatct	actgcataat	cacttggatt	420
cttttcttcg	acaataatct	ccccctcta	gcttcgcga	tgcgagactt	cctccttctc	480
atcgctgtca	ttgtcgtggc	tggtataatc	ggaaagccac	tctcgatatc	ccaatgtgat	540
aagatcgctg	aggtcgcgca	caacatttcc	agtgcgtatg	ccttcgccac	gaaactgagc	600
agctacctat	ccaacctgga	cggaaagttg	cagtacggga	ctttgattgg	tgccagtaag	660
ggggtttgtc	tggaggcgaa	gagtatctgg	gggttgagta	ttg		703

<210> 6349

<211> 666

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(666)

<223> n = A,T,C or G

<400> 6349

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cgtgggttgc	tctgtccatc	gcgcgcacgc	tcacgactcc	gccagggaca	gcagctacga	180
acaatggcac	ctccccgcgc	caatctactt	tccaaagagc	gattcgcatt	ctcatttggg	240
agcctcaaga	ctcagaacta	tcatgacctt	attgcgcgaa	cgcccggatc	tcatacaatc	300
cgaacgatat	catggaaccc	taccggggcaa	cttatagcta	caagctcagc	ggaacgtacc	360
cttttgatat	ggaacctctga	gcgcgcgcga	agcaaatact	ctactgagcc	tcccggggac	420
acccggggat	tgaaaaatct	tatattaacc	catttttagac	actgagatct	cccactgttt	480
ttttatgggg	gcccgccttc	tttgaaaagt	tccctctaaa	aactggtgac	accctttaaa	540
ttgggggcga	aaaatttaacc	ttgtttgtga	ggtgatgggg	gaaaaaaagg	gggggggggg	600
agagaggaaa	aactttaacc	ccactctttt	agaacccttt	tacccccaag	ggtgctaaaa	660
aggata						666

<210> 6350

<211> 619

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(619)

<223> n = A,T,C or G

<400> 6350

gggggcattg	ggaattaaaa	tatatggctc	tgtatacat	gcaataatct	ccggggctgt	60
acccccaaaa	catttgaaaa	ttaacattat	aattggacat	aacatgatag	ccttttttta	120
aactgcccgg	tcacaaatga	tgtcggtttc	tggtcttcgg	caaccttcac	tggcaggttt	180
caggaatgaa	tcttcgcagc	ttgacttggg	gccaggtcaa	gtatttcgaa	tggcctcttt	240
gacaaattat	ctctcgggtat	aaacaaagga	aaagtgggta	tatagttctc	atcacttaac	300
gttcttcatt	ggggggcatt	atcgagttaa	aactgggttg	cttcaactcc	gcaaaatgca	360
ttaccatttt	ggatcacagt	cttaccagtc	tcattcttct	tttcaagatc	gacaccttcg	420
ccccctttct	ccgaagacc	aagaaacttc	atggctctat	tctcgaaggc	ctgcattatc	480
gcaattccact	cccgaaaggg	cttggtcgga	tctgcgcctt	tcttgagcag	caactcaatc	540
atcttgaagt	ccccattggt	gcatttaacg	accgncctta	caatgggaaa	aatcttcccc	600
ggcccatctg	gaattttcc					619

<210> 6351

<211> 728

<212> DNA

<213> *Aspergillus oryzae*

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<400> 6351
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cttatctggt ctgcaagtgg acggacaatt cgaaaccatc caaaacctgc caacgcgcct      120
tcaaaactcc tacagatctt cgcaaccatg ttatctcaca tcatatgaac cttgccacaa      180
tccgcagaca aacctatcta cataccttat ggaacccata cgattttacc tatacacacc      240
atctctttgc cataacatta ctttactcac aacttctcga cccactactc caaacatcgc      300
gatcgacta cacctcttac tcacctata acgctatcta caatcacact acgctgacaa      360
aaccttctta acatctcact ctccatcaac aatcatccaa tatcaatccg cataaccata      420
aatccatcgt ctaaatacct tctagttaca aactccaaag acactactcc atctccacac      480
caaacccttc tatctaacc accccacaat tcacctctgt ataatgctct ctaccactat      540
cgaatacaag cgtcacatat caccgatcta catcactcac cacacttata cccgcaaata      600
cacatcctac gctcaatcgt tactgattac ccttgacaca catccaaatc tcttcaccta      660
tcaccnccga tcttacctta ccaccttcac attcactaca actaattccc acaataaata      720
tatcctac                                     728

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<210> 6352

<211> 657

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(657)

<223> n = A,T,C or G

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<400> 6352
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tgaaagccat caggccagtc cagggtttga caggggggat atgtcaccgc aagcaactcc      120
gaccatttct acaggtctct ggatgtcgat atccaaaggac aaacggacac tgctgagagg      180
atggtatccg aaattctcca tgcaaggcga aaccacaggaa ccagtggaaa gagaagtga      240
ctctcacgct gtcaagtctg tagctaattg tgcaggatc gatcttgatc tcagcgtaga      300
gaacccatta gaacagtggg ctactaatgt caagtccaac aaggcttccg gcccttaccg      360
tgtagtggac atgtatgact cgcangtgcg agtgtagaaa cgtncaccgc tgagtgaact      420
gctggatcaa gcangctgca aggtggaaga cattgactac tctatgctgg atcgattccc      480
tggcacaac aacggcctca gccttgtcaa gggttcaggac ggcgacaagt gcgccaaatg      540
cgctcaaggt cgtgtgaaaa cccangtcgc gggtgaactg ggccatacct tncatcttgg      600
cactagatac agtgaagttc tacaagcctc tgctatggtg gaccaatcct catctgg      657

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<210> 6353

<211> 644

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(644)

<223> n = A,T,C or G

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gatccacacg gcccgacttc tcttcggacc gtttcggggc gcygatcttc ccgccttca      120
tgtctctcga accactcccg acgtgatgag ctggaccgcg caggggccga tcgacgcac      180
nagagagga acaagtaaat ggatgcaacg cttcacccaa gacaccgaac caggcgaaca      240
accaaaacta aatttcgcgc tcttacgcaa accaatctcg ggccgaqtc atyctaagg      300
gtccgaggaa ggcatgttta tggcggttat gggcatcgtg tctatttccc cggaggacgg      360
tccggaggta gggatatctat ttctgctgga gacgtggggc atgggggatg cgacggaggc      420
tctgangggg tttgcgaag cgtggtggag gttgcgggtt ccgggggatg gcgtctctaa      480
gaacgggtgag ggaqctgaag aaggggggacc ttgcgcgctg tcaccgataa gacgaaactt      540

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gggagtgcga	nggggtgttga	ccaaatgtgg	ttggactgtt	gtgggggaaa	ggggttaagg	600
tgaagattat	aaaaaggtgg	aattggtgat	ttggaatttc	gccc		644

<210> 6354
 <211> 647
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(647)
 <223> n = A,T,C or G

<400> 6354	
caagcagtc	60
gagcaaatgt	120
tacccgctca	180
cattggcacc	240
cttcctcggg	300
gtgacgacct	360
cgctcccga	420
cccgccctgt	480
tggccaatgc	540
aaacgcaccc	600
gtcgggtaat	647

<210> 6355
 <211> 676
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6355	
cttgttctct	60
ttcctatccc	120
tccatttctg	180
gaaaccaccc	240
taaacgcccc	300
ctgccaacgg	360
tttgaaatca	420
ggcgcgtatg	480
cagggatcag	540
cgacatgctg	600
ggttttagtt	660
catgacatca	676

<210> 6356
 <211> 674
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(674)
 <223> n = A,T,C or G

<400> 6356	
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cactgaacgg	120
ttaacaccat	180
ccccataccg	240

ccgccgcaga	aggtgccgcc	agcaacactg	gcaagcgcg	tatgcactcc	ggctctgggtg	300
ctttctggga	cgtaaccgc	gatggaatgt	ggacattcta	ataccccggt	gctgacgtac	360
tgggtctgga	actcttcttt	agtgaacct	ggtttatoga	cactaatatt	atctactatc	420
cctatccttg	tttatactat	atatctttag	tattttatat	tatgttgtag	ttactaactt	480
ttttaaacat	actcgttgat	atctttatta	agatcttact	tcattattta	atctcaataa	540
ttcataatct	actttactct	tttctttata	agatcctgta	ttcctaaata	acttttatcg	600
tttactcata	tttcttactg	aaagtcacgc	tctttatcta	catgtctata	attattatct	660
cattctctta	ttcg					674

<210> 6357

<211> 673

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(673)

<223> n = A,T,C or G

<400> 6357

gattcgatag	ctatgcgact	ggacgaacgt	cattcccgtc	gtatctaaat	cagatctcat	60
gtcatccagt	cgaatctcgg	ccctcaaata	cacatttcat	aagcaagccc	aagaggccaa	120
cattaaacct	ttctcttttg	gggatgcttc	cctcggcgaa	gtcgacaggc	tcaatgttaa	180
gtgtcctttt	gcagtttctg	ccgccaaagtc	cgacgatgac	gacgtgatgg	aggccagcac	240
cttgatgagt	ccagactaca	tccagccttt	aatggcgctc	gaattaatgt	acttagtaca	300
gatgttattt	gaccgagaaa	atatagcctg	gatgcgacat	ttatctgcta	agaagcttgc	360
tctacggcaa	caagagcagt	catattggca	gcaggacgat	ttaccaaata	gtatccttcc	420
cgggtgttcat	actttacggg	gtggctcctc	cagttacacc	atggctcgaa	tatccgacta	480
tactcgtcac	gaagagaggc	tggcccggtg	gcagctgggc	aagtgggcac	ctgaccttca	540
acaaagccta	cgtaatgaac	gagaaagata	cgccccataa	caagggggga	cgtgcttggt	600
gcttacaaac	caatagcgag	ggattgaaaa	ggtctgtggc	ctaattaaaa	aactctgctt	660
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<210> 6358

<211> 1205

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1205)

<223> n = A,T,C or G

<400> 6358

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tctttgatga	ggctgatgag	atgttgtctc	gtggtttcac	cgagcagatc	tacgacatct	180
tccagctcct	cccccagttc	acccagggtg	tcttgccttc	tgccaccatg	ccccaggatg	240
tctttgaggt	caccaccaag	ttcatgcgag	accccggtcc	tatcctgggtc	aagaagcagg	300
aaattaccc	cgaaggatc	aagcagttct	acattgaggt	cgagaaggag	gagtggaagc	360
ttgacaccc	ctccgatctc	taagagactg	tcaccatcac	ccaggccgtc	atcttctgaa	420
acacccgcgc	caaggctcga	tggctcactg	apaagctcac	tgcctcgtgac	ttcactgtct	480
cggccatgca	cggcgatagc	gagcagttct	agcgtgatgt	tatcatgaag	gagttccgct	540
ctgggtcttc	tctgtctctg	atcgccactg	accttttggc	cgtggtatc	gacgtccagc	600
aqatgtccct	tgtcatcaac	taagacctgc	ctgccaaccg	tgagaactac	attcacctga	660
tgggtcgtgg	tgggtcgttc	gggtcgtaaag	gtgttgccat	caacttcgtc	actgctgaag	720
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tgcagtttgc	caatagcggg	ccaagggtaa	gctgcgggtg	aaaaggcgtt	atgacatcgt	900
tgtgcttctc	ttggcaaaag	agaatccttc	aaaagtggct	ttctgtgtct	ccagcattta	960

ttattactcg	cggccgctag	tggagggaca	cctctgctcg	ttgcttggtta	tgggttccta	1020
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tctcttnccg	cttnttccaa	cttttttttt	cncctttttt	gtacctagct	cgctctgggt	1140
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cagt						1205

<210> 6359
 <211> 651
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(651)
 <223> n = A,T,C or G

<400> 6359						
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cgagcacgtt	caggccgtga	ccaaggactc	agtagcagcc	aaggagacgt	acaagcacat	120
ctcggaaagg	atctatacgg	tgcgtgattt	cgcagagaac	atttcctcga	tcatgaaaat	180
gggtcccttg	tcaaaacttt	ctggcatgat	ccctggcttg	tccaatctca	ctgctgggct	240
ggatgatgaa	gatggctcgc	ttaaactccg	ccgcatgatc	tacatttttg	acagtatgac	300
tacggcagag	cttgacagcg	atggcaagg	ctttgtggag	cagcctagcc	ggatgggtccg	360
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catgatggcc	ggtatggcca	agcgcgtcgg	tgggcagaag	aagcagatgc	aacgagccca	480
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<210> 6360
 <211> 688
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(688)
 <223> n = A,T,C or G

<400> 6360						
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attccagtat	ccaattccga	cagtgcgcgg	tgtggaacag	gagctccgcc	gggacattgc	180
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cgcgaaaacg	atcgatcga	tgaaccgcga	gatgcaggag	gtggatgcga	ccctagcgga	300
tatcggacga	agatgcaacc	cacgattaat	ggagaagaaa	gttaccatt	tcagtcaaat	360
caagggtgat	gttcacgaca	aaggcgcaac	taaacgagcc	gttggggccc	agcttgcctt	420
acttcattcg	tgtgagacgg	ctatatctcg	actattgagg	agacgtgatt	ctcttctctt	480
aggagctaaa	ctgtggttgn	ttccccactt	ctgcataaag	cactgtccaa	ccaaaagacg	540
ttppccgatt	tttttgaaag	cttaaggaat	caaataagct	tacttgaggg	ttcccttttt	600
taagaagggt	aacaagtgc	taaccttaac	tcattaacag	cggatgaatt	attggagtc	660
tactctttta	ctggtacta	tcaacctc				688

<210> 6361
 <211> 672
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6361						
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gaaacttcgc	tatcggtcc	aaaacglllt	gatcttccaa	aatatccaca	tccacagtaa	120
atcggtcacc	atgggcctta	caatccacac	cgtcggaacc	tccaccctcc	accgtcaggg	180
cgaacgcgcc	gtcatttacc	tgcaggtttc	cagcgacgga	agtgaccagt	ctacagtatc	240
tcaagacgtg	actcgcacct	ccaaccgctt	tcaatccctc	ctgaaagaaa	tcgcgccgaa	300
gcaggactcc	ggcgacccca	ccccgaagc	tcccggttaca	ttctggagca	tgagctccat	360
tagcaccggc	agttatctgc	cttgggatca	cgacaagcag	gaacacagag	cacgagtcta	420
caccgcccgg	accaacttcg	aggtcaaatt	ccgggacttc	agcaaactgg	gcgagttcgt	480
gtcggacgtg	gcgaaagacc	ctcttggttc	ggtgcgggac	gtcgactggc	agttgacgga	540
tgatacaaag	cagcagctgg	gacaggaatg	caggaagcta	gcggtcttgg	acgcgctcgc	600
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<210> 6362

<211> 664

<212> DNA

<213> *Aspergillus oryzae*

<400> 6362

gaacgctcct	caggctcgca	gtggacggga	tagccctcaa	ccgggaccat	ttggctattc	60
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tcttcttgat	gataatgagt	ctaatatgct	tgataatttt	ttcacgacaa	tgaattccaa	180
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ttttgaatgg	tcagatgaac	tacctccgac	attcgaaggc	tccaccacct	ctctctcaca	300
acctcactt	cctcaccgcg	gcctagataa	atccggaatg	gatattttac	ctaaccattc	360
gaattcggat	atcttcgcgg	ctgcttccat	gctctatcaa	aacggcatga	atggggctgg	420
acttggtgct	ctttttgcac	atcacccggt	ctcctctttc	tcaaataatg	actacaataa	480
tacctcatatg	aatggctcgag	taaaacccca	tcaaccacaa	tcagtgccat	ccaagcagtc	540
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tytgcgagat	ccaatatcag	cagagcaaca	agccactgcc	aaagtacggc	ctcttcattg	660
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<210> 6363

<211> 701

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (701)

<223> n = A,T,C or G

<400> 6363

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ccgtgacacc	atccgtcacc	accaggggac	agaatgaaag	gagctccccg	tccaaggagc	180
aagcatccca	ttcgtcttgt	accggcaatg	ttgacattcc	ccaaatcgaa	ggcctccac	240
gtataaacte	gtcaggctat	gttgttcctg	aaagccctag	cgctgectca	gaagacgccc	300
cctctgggga	cctacccgct	gtgagcgatc	cgctcctagg	cgggttctca	gtgagccagc	360
cacatgaaaag	cacaagtgc	agcatccagc	agagctacca	gtatccaatg	gatgacactt	420
ttcggggccc	tatggcccac	aacatagaaa	agctagaatt	gtggcaaat	ccattgacgg	480
ctgactggga	gtttggcggt	cagtttctga	gtcttttctg	tccacaattc	ttagatcaag	540
ggggtagcga	tgcatgtctg	gcaatggccg	ggatgacagc	accaccaatg	ccttcggcgc	600
caatgaatat	ggggttcaac	tgcgaggatt	ctgataatgt	ggacgactat	cctgcgtgga	660
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<210> 6364

<211> 690

<212> DNA

<213> *Aspergillus oryzae*

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<400> 6364
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tcgagtacgc tcacacgtcc actgcagctc gtcacccgag tgctgcagtg gtctagtgtc      180
gtcattgtga tgggtatcac ttctacttc atcaacaagg ggtccccgtg gattgtctat      240
cacgtaccaa gaaatcattt ctaccatgtc ggtcgtattc ttctgccag ccttcgtctc      300
tccgttcatg cccacggctc ttggcaagtt cgtactgtc atcgatgtca tcttctcgta      360
tctgtggctc actgcattta tctttgccgc ccaagattac aaccgccatg actgccgct      420
caacgctccc ccaggaatct cctgctccaa gaagagggcc aacgaagcat tcattctcct      480
gactttcatc tttaccttct tcggcatgtt cctcgaggtc cttggtctct gggcttacgg      540
ccgcgagaat gtcccagtc gcgaaaagac cggcggtgct caccgcggtc ccgctgatgc      600
cccagtcgcc acagcctaag cgtcaactac tctgtcgtcc tcttatcagg caccgatagg      660
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<210> 6365

<211> 889

<212> DNA

<213> *Aspergillus oryzae*

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<400> 6365
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ttgatttcaa agcatcccga cagcttgagc tgttgctatt acgtattctc agcaaagcta      180
taaaaacctc aagatgcccc tcttgatac ccctcatcgg ctcgacctca tttgaaagct      240
tgtcagcaac acttacctac ctttgagaga atggctcccc ctaaggctct cctcacgggt      300
gccaccggtt acattggcgg agatgtcttt tatgccgtac atcaggcaca tcttgactgg      360
caatactccc tcttagttcg aagcaaggat aaggcagccc aggtcactag taaatacccc      420
aatgtgagaa tcgtccttgg agatctcgac tcgtccaata ttattgagga agagggttaag      480
aacgccgaca tcgtactcca ttgtgccgac tgtgatcatg tagcatcagc cgaggcaatc      540
gcaaagggtg ccgccaccac cagccccgag aatccagtct gggatgacca cactctggc      600
actggcattc tgaccgttga ggatttcgc accaaccctt ggggttcta ccgttctaag      660
gagcacaacg actgggaagg cgttgacgaa ctcttaacc tccctgatga ctctttccac      720
cgcaacgttg acaagatcat catcgaggct agccagcgga accctgaaag tgtgaagacg      780
gccatcgtct gccctcctac tatttacggc cctggcctg gacctggtaa ccagaagagc      840
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<210> 6366

<211> 443

<212> DNA

<213> *Aspergillus oryzae*

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<400> 6366
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cggagggtgt tatgaccag atcgaccga gatggacgga atgtgatcgg gaatggata      180
ttccgcctgt gagtatggg cctcttgttg gcgatctgga gtccctgcct actggggctg      240
cggaggcgag ggttcccacg cctacgccgg cgggtgcctga gtcgggggtt gctgtgccta      300
cgccagaggg tactttatgg tagtttttgt tgcttcgctg atcctagcga tgtacataac      360
gtccgtagtt gtacatctcc aatacgatac cccaatgagc aaaacagaac acatcataaa      420
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<210> 6367

<211> 687

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(687)

<223> n = A,T,C or G

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<400> 6367
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gagatttgtg aaaccggagg tcacgatata ctgagctgca cgaatatgtt tggcgctgag      180
caaaaagaaca agagcaacac tgataccaag gagccctctc aagaggactc aactgatgaa      240
aagttcacac cagagacgtc accggctccc gagtctgcgc aatccaatca tgaggatagc      300
acgactcctc agaaaaccgg ccgagatgtc gttttggaag ggctgaaagg ggtcgcgacg      360
acatcttcca tggctcccggt ggcaggcaag gcgagtggag ccgttgatga gtcgaagtgg      420
tgtgcactct gtgaaaggga tggccatgaa agcatcgact ggccatttga tgattaatgg      480
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ggcttgatac gctncttgca atatgatgtg agatgacgtt cttattcggg agcggagtcg      600
ctcccgaaatt atttttaata atggggtgga cccaatttct tttttggaag ccctatacac      660
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<210> 6368

<211> 654

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(654)

<223> n = A,T,C or G

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<400> 6368
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gttcaccaag gtctcgatag aatgtcaggc ggctgcttca cttctcccat ctctgttctt      180
ccatcatcgc gacagcgctg agcttccttg gcacacggcc ttggcttagc tgattatctg      240
tcgaaatccg ggaatcaagg gaccacctca agcgttccaa ccggtccaat ggctagtgc      300
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ggctcaccaa ctcaaaacttc accgtttggg ggaagaaaact tgcgacatgg tagtgtgtcc      420
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ggccctccta gtgtcacgcc gacctctccg ttgcacagga gggtttcctt tggcgacaaa      540
gcattgcgag atgtccgcgg aggaagcaca ggcaatggta gatatccctc tcttgggtca      600
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<210> 6369

<211> 977

<212> DNA

<213> *Aspergillus oryzae*

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<400> 6369
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ctaccagcgc ttgtcgccgc gcaagagcag gttcccatcg cggatcgtgt ccagggttgg      180
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aagggtggtc aacagaagat tcaagaaaag actgtcaccc ctttcaacct gtccaactgg      300
caatcccttc tggcgccatc cgtatgagct aaggactggt ttgtcttcat caccggtgga      360
aacaagacat gcttttggac ttgtcaccaa gggagaaaat cgtttaatga atccgttctc      420
ctgtttttct ctgacccgac ctgcgccaac ctgggttacc tgcactgtga atcgaaacagg      480
gtctatgct ctgcttgggc cgtctggtct cgtctgtgtt cgtacttcaa ggtccctgct      540
caggctcggc aggagcgccc tgccaccgct caatacaatg tgtacttcaa cgcgacaact      600
gtaacgcgcc agtcccttta caagattcac tctgagaaga cctatgagaa gaggggcgcg      660
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agcttcttca gccggaccat gatgggcccgc cgaatgggaa acacgggagc ccccgctgct      840
cgctaaacaa acatcgctgc tcatgaggat gatgatgtcg gcttcgatgt ttatggtcag      900
ggatgtatat aatgaactag cagtatctga gataaacctt agataacttt tgggcctcgg      960

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tcacattccc tattctt

977

<210> 6370

<211> 641

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(641)

<223> n = A,T,C or G

<400> 6370

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cgcagtagct	gtcaccggg	ataccagctc	tqctactccc	aaggagttca	gagtcctcaa	180
cagatgtcat	aacatctgca	cgggacacaa	ngactgcccc	gagagctgtc	cctgtgacat	240
gcacaacata	tgtgccccta	aataaccgct	acgcgcgaact	aaagcctgct	ccgtcatact	300
tctttgtcaa	agctcaaatg	actgccctcg	agtcagcaact	ccgacttata	ctgataacttc	360
ttctgaaaac	actggactgg	attcatcgaa	atatcaccga	tgaccgggat	aatgctgtct	420
ggttggcgac	ggttgcttct	acctggcttt	ggctagaacc	tgccttgatg	gtcatggctg	480
cttggatggg	cgggttgtag	tggctntagt	ttacatcagg	tagttagttt	attgggtcta	540
ctttattatt	gtgcgtagtg	ataataggac	agacaatggt	accgcattaa	acatttgcta	600
aagnanaann	nnnnnnnnnn	nnnnnnnnnn	nnaaaattcc	t		641

<210> 6371

<211> 658

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(658)

<223> n = A,T,C or G

<400> 6371

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cgcaggatgt	gocgtcattg	acccgcgtgg	atacagtacc	ttcgttgagc	tcgcgcgcac	180
ctagcattgc	gccaagtctc	cggaaatgcca	ccccggctag	tctgcgcccc	tccagctcaa	240
tcaccagtat	ggaagctgat	attcgagtgg	ttgacggagc	gcgtagcccg	tctctcagct	300
gocggatacgt	tcccgtatct	togatgatgg	cgcctaacc	caagatggaa	gaaactcagc	360
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aatatctccc	tgetgagctg	gtctccgctg	tgattaatac	cttcttttcc	ctcccatcct	540
agcaccctgc	tggtacctag	aatgataatc	tgtcttctcat	gtcttgccag	aaaagtgtcc	600
ccctgatggt	cagcaatacc	cccgggaggt	ctacgttcgg	ttattattgc	tttgcacn	658

<210> 6372

<211> 1133

<212> DNA

<213> *Aspergillus oryzae*

<400> 6372

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ctgggtctc	tgcgcttagc	ggtttatccc	gtgtaagacg	caagacggct	ctcttcgact	180
cccatgagta	tgcacaacgt	gctacgcgga	acatgcacga	tgtgatcggc	aatgatggca	240
ccgtacccag	tgaattccgc	ggtctggccc	gcgagcagat	ctcccggta	gacaccgcaa	300
ccttcacgca	caagagagtc	aacacaattg	agactgtctc	tgatgaggcc	acgaacacct	360

catacttttcg	ggcccaaaaac	accgatggca	aggcgtagac	cgcccgcaaa	gtcgtcctgt	420
gcacgggtct	cgtaaacatt	ctccccgacg	taccgggtct	gcaagaaacc	tggggcaagg	480
gcgtgtactg	gtgcccgtgg	tgcgatggat	atgatcaccg	ggaccagcca	ttcggatatcc	540
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tcattgcttt	cttgaacggc	actcacacgc	cggaccagta	cggctgattg	gcgaacaagt	660
acctcctctg	ggaggctcag	atggaggcgt	accatgtgca	catgcagatc	gaaacacttg	720
tgctccttcga	gcgcatthca	gatggcagct	gggtgaagga	catgaacggc	accacacaga	780
ttgatatgct	gcgagttcat	ttaaccactg	gcatggcggt	ttgatcgaat	gcctttatta	840
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ctataggcga	ctgcggaaac	gatgctagca	gcaatggggc	ttacgctgtg	tttaggggca	1020
gaaatggctg	atgtttttgc	ctcatgctaa	atggctgaag	aggaggttat	caaggtcatt	1080
ggacaaacgc	gatgactttg	taaaagaggt	tgtaaaaact	gttgccatt	act	1133

<210> 6373

<211> 692

<212> DNA

<213> *Aspergillus oryzae*

<400> 6373

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ttggtctaca	agcgacccgg	tactgaggtc	ccctggaccc	aaggctcgtga	tgtctggtgg	180
cacgaggagg	tggagaagta	cccccaattac	ttccctcccc	agtcctgtgag	ctccgaagac	240
ccctgtttcc	tgcttttacac	ttctggttcg	acaggaaagc	ccaagggtgt	tatgcacacc	300
accgctggat	atctcctggg	tgccgctatg	accggcaagt	atgtctttga	tatccacgac	360
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ctacctcgct	attctgggct	tccgctggga	accttacctt	tgagagggtt	ggaaatgggt	660
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<210> 6374

<211> 1006

<212> DNA

<213> *Aspergillus oryzae*

<400> 6374

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tggctgtttg	aaagaacaag	cgcttgctga	agggcaagaa	gggtatcaag	aagaggaccg	180
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tcaagggccg	gatttttcgag	gtttcccttg	ccgacttgca	gaacgacgaa	gaccacgctt	360
tccgtaaggt	caagcttcgt	gtggacgaga	tccaaggaaa	gaactgtttg	accaacttcc	420
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gctcactgtg	gaagtaaatg	cagaatcctc	tctagaatca	aaactgtcgc	tgcctctcga	960
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<210> 6375

<211> 1006

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1006)

<223> n = A,T,C or G

<400> 6375

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ctctgctgaa	ggagtcgatc	cccagacctc	ctaacatgcg	ccaggctcag	cgctcctctg	180
aggggtgcct	cgtgcccc	atcgtcaacc	ctgccgacaa	gtaccaggac	aaggccgatg	240
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tcaccggaca	tcctgacctg	cgcctgatca	tgaccgacta	cggtttcgac	ggccatcctc	660
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gcattgtcat	cgagcctctt	gagcttacac	aggcattccg	gaacttcgag	ggtggtaagg	780
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cccccaagcc	cgaggagaag	cccagaggaan	agaaatagag	cagtgtatcc	gtatttcctt	900
tcctgttgat	gtacatacgt	ctanagtga	gccttttccg	agaagctcct	agttatacat	960
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<210> 6376

<211> 683

<212> DNA

<213> *Aspergillus oryzae*

<400> 6376

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gcttcccacc	catggatcag	taagccttct	gcaactggcc	atctgtcgcc	taacagcgga	180
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<210> 6377

<211> 667

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(667)

<223> n = A,T,C or G

<400> 6377

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caattacggg	cacaaggatg	ggcttcgcct	gcaggagttg	gagctagccg	tgagggtctat	120
cgagcaaaag	cgcgtttctt	ctccggagcg	agaaacccaa	gagaagaaac	catcgtctag	180
cgtaacgcaa	ttactaatac	ctactaagaa	gcaacctcat	ccacctcttt	ctaaggaagc	240

gcgcaagatt	tctcattcac	gctcgatcac	ggagcacgcc	attgatctga	agcaagagga	300
ggcagtgacg	agctcccccg	atgagagcga	tggagatgac	gacccacggg	cgaaacaacc	360
catgggtgcg	aagaagtccg	gggagcttgt	tagaccagct	cttcgtccgc	cttcggcgcg	420
acggcgccca	tcgagcatgc	ctgggacgcc	aacatatgct	aaggccgtgc	actttgatgc	480
ccagctagag	cacattcgcc	actttttgca	ggtggataag	ccccaggctg	tgagtgccgg	540
tggatctcca	gtagacgact	acgaatctga	agcaagtgtt	ccgttcagca	nggaccancc	600
ggaaatgact	tcctatgaat	gggatattag	actcccaaat	ttcctagggg	tgtttcaacc	660
cgagccc						667

<210> 6378

<211> 678

<212> DNA

<213> *Aspergillus oryzae*

<400> 6378

tngatctcag	ccaatcggtt	attatccaga	tnggtgaaca	cggtttcccc	qatqcagaag	60
accgggaacga	agatctggat	acgttgcctga	gcacccagca	taatacccc	ttngagctcc	120
ccttgccatt	ctggagaata	ttcgtgttaa	ctgatgatgc	cgatgatacc	gaaagacggt	180
ttaccgtcgt	ctttgtcttc	catcatgcta	tttctgacgg	cacttcggga	aaggtcttcc	240
acagatcctt	cctgcaggca	ttacagtcc	tgatcatcgt	ggctgtagac	gacgtcaagg	300
aggttattcc	atcgccctgat	tcacgccttc	tgccgcctgg	ggaggcggtt	caccctaagc	360
cagtgtcgta	cactttacct	ggctgttcaa	ctctttttaa	gcaaagatct	accatccccg	420
ggacccccgc	ttatggacag	gctcggagggt	taaaacgtccc	cttggaaaga	aacttaaaca	480
cttgggtgtc	ccatgcactt	atattcccat	tcaaaaaccg	gggtcgggaa	aataaaacac	540
ccattccagc	cgttctttaa	acaattattg	ggtcggtccc	tttttaaccc	atctccctgg	600
attcctcccc	gaaagtgata	atgtcttcgc	gccgatgttc	aaaccgcact	tgttttcccg	660
gccccacaa	aaaaaatt					678

<210> 6379

<211> 639

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(639)

<223> n = A,T,C or G

<400> 6379

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cggcccgtcc	gcctcgcttc	gacttggacc	gaccgggtgc	ccaccctccc	ggatgcagag	180
ttgatataac	acgggagaaq	ccacgaatcg	ggacgacggc	cacagcatcg	gagccgcggg	240
ggccacccca	gctacaccac	cgctcatctc	aaggcgaatt	cacagtctac	cgagaaatgg	300
ggcatcgacg	gggagcgagt	gacgcangct	tcccagcccc	atcgaagaag	atgtatggag	360
aagaagtgtg	cagcgggtac	tctcgcccca	ccgtggtcgt	caatggaggc	cggagagcca	420
tjccccgtca	gcgggagcgg	tacattgatg	aagaagaaga	gtatgccagc	gaagcaaagg	480
aaggcggngc	atacggtgac	tttgaaattg	tcgaatcacg	acgccgaaca	cggtcaccga	540
accgaggggtc	aagaagagcc	aactcgcgcc	ggccagaggt	acgcangttt	cnggtcaagg	600
tacatgcctg	ggaggacaca	cggtaacatc	ttatcggggc			639

<210> 6380

<211> 677

<212> DNA

<213> *Aspergillus oryzae*

<400> 6380

cgggagtcca	tcttagcgct	tggataagaa	acacttcaga	gacattggcc	caaggggata	60
cagaaagtaa	aggcatacta	cgagagtaca	gagttcaagc	tacggggaaa	tccgttcgaa	120
catggcgacg	acgatgaaaa	ggttgcgctt	cgtaatgcc	tattagggct	tctggatgcg	180

ttggcaagag	aaggttgggg	tgtacacct	gctgccgggg	gcttggggag	gatagggaat	240
tataagtcgc	ttgggcagaa	ggatagcctg	attttcaaac	gccaggcccc	ccagcaactc	300
tcttgatgt	gtatctcctt	tgactccgac	gacctcatgc	accttatcaa	cgctcccccc	360
gagttagcct	tatccctggg	tgcagtcttc	ggggacagga	ttaaaaactg	taatcaggac	420
cttgtgaccg	gcgcgtttga	ggtgaaattc	caaagcaagt	tatgggcca	gtattcggag	480
gaaggagcag	tgtgagtag	agtggccata	ctggatgtgc	ttcagtgtct	ggagggtcag	540
gggtttacgt	tgtgttcgag	tctggatata	gactatggca	acgggggcca	ggtgtataag	600
agtagtgggg	agacgtgggt	ttattatcgt	tgaggggggtg	gcaatgttta	cggtcgtatg	660
tgactgtac	tgaatat					677

<210> 6381
 <211> 695
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(695)
 <223> n = A,T,C or G

<400> 6381	
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cgcatctact	agcaggcgac
acaacgggta	ttctcccagc
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cgcatctact	agcaggcgac
acaacgggta	ttctcccagc
120	
ggagatggcc	gatttgccga
agatagagct	gtatagggct
ttgactgtgc	gcggaattag
180	
agcttttcac	caggctcctg
ccctgaatgt	cggtctttcg
tcttattact	atgaaatgcc
240	
ggcggcgctt	ttgctttact
ggactactag	tacgaatatt
gccacgatgc	aaactgtttt
300	
cttgataaaa	tgcattgttc
ggaaggaacc	gctgaagccc
tggaaagcga	tgcataatcg
360	
gtacactgca	aacaaagaat
gtgctccaga	ggaatcgatt
tacaaagcta	ccatgaagga
420	
cgcaaagggc	ttcaaggga
tccattaggg	tgatgactgg
ataattaagt	gctagatgca
480	
ccctttacca	aatcgggcca
tgatagccga	ggcccagaaa
taattntgct	ccgccagcac
540	
tcacatgcta	catgggggtc
agacctactc	ttcatgatgt
tccaagaggc	atcggtgaaa
600	
gtcacacgag	tcagacacag
gagcgggtcat	gtncgcacat
cgaagccccg	gtcgagtcaa
660	
tacacctgtg	cacaggatga
tacacttagc	cctan
695	

<210> 6382
 <211> 664
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(664)
 <223> n = A,T,C or G

<400> 6382	
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tagccgtttt	gcattctccc
60	
tacgtcgcta	cctgttccgc
aagcaccttg	gtcttctacc
gccacaggac	tacgagcgcc
120	
ccgatgctaa	tttcgagccg
gtcgggtgtg	ctaaccgagtt
caactttgac	gctcctgaga
180	
ggcggtttgt	ggccgaccca
ttggcggata	ctcttcataa
cctgtggaac	agccggggcg
240	
aaaggaacac	tgaggtatct
cgcaagggtg	tccactcagt
cccagatgac	tgcgtacgca
300	
actgggtccac	gtataaggaa
ttctatgggt	aacttcttga
caaggcggac	aagcaagcgt
360	
aggcggaaga	aaaggattcg
ccacccctccc	gttatcggtg
tggacacggt	gtgcgcgatg
420	
aacttccggg	cggtcctgag
ggcgttcgac	aggtcaagga
gctgctcant	aaggtcaagg
480	
gcacgctggt	ggagatgcca
ttgatgttct	tgattgaaga
ggacgtttgc	aagtcgggat
540	
tggcattqaa	ngatattacg
gagccgatta	cacatgatct
tagctaattg	cgctgtnttg
600	
gtagtttgcc	tggattcttg
cccttgagtt	ttaaactaaat
qqaattaaaa	tttttttttt
660	
tggg	
664	

<210> 6383
 <211> 644

<212> DNA

<213> *Aspergillus oryzae*

<400> 6383

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ctgatgggtc	aggcttgccc	gttatctttc	agcgtgatct	cctcgcagaa	ggtccatgga	120
acggggatcg	cgaaaccgat	gattacttca	acaacagcta	ctgcgtaacc	cttggatcgg	180
gtgagacagt	atacggaggg	ctggagcaag	tcgccttctc	ggggaagcgg	gcaactttcg	240
acttcgccga	atccatggcc	ggcattctcg	gcatagaacc	acagttcatt	ggtgatttcg	300
aggtgtgcga	tcaagaactg	gagctctttc	aaaaaacact	ttagaagata	gtaacatggg	360
gggtgtccta	atcaagtccc	tcaactgaat	ggattcagtt	aacccgcctg	tgcagatgac	420
acactatata	tctaaactca	tgaccgccgg	cttatcggac	tatcgccatc	cctaaagcac	480
tctttcgtgt	gctgtggggg	ccggctcccg	gcgtaccccg	ggttatcgat	acgcaacatt	540
tgctggatga	taagcggggg	aatatctaga	tggtgtaata	ttttaccacc	cccactacta	600
atggagtaat	gggggtatttt	tttttttccc	gccaaaaaac	gcga		644

<210> 6384

<211> 654

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (654)

<223> n = A,T,C or G

<400> 6384

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acattggact	ctcggaccgg	tcagaatggc	tcgtttcagt	ttcctgtcat	tggctttgct	120
ctctgtccaa	gccttgatcg	gtggcagttc	cgcggcagat	gctgctgaaa	aggcagaaga	180
gaccgtggct	cccaagctcg	ctctgacggc	gcaggctact	ttccctgctt	ccgagatctt	240
cggtgtcaag	attgttaacg	gttaccacaac	ccaggcgctt	gtcgttttca	ccaatgatga	300
gcctgcccc	gtgaagggtga	acttcatcgg	tggcaccttg	tccaccctag	atgaggagaa	360
cagcgtgate	gtgcggaact	tgactgcaac	tggatacagt	gtggaaattc	ccgctggcga	420
gacggagacc	ctgagctacc	agattaccac	cgagatgcac	ccccaggacc	tcagacttag	480
ccttgcttcc	ataatctccg	acaatgaggg	cagattctac	acagtctacg	cctacaatgg	540
caccgtcagt	gttgtggagc	ccgaaactag	cttcttcgac	cccagattct	tttctgtgat	600
ttcttctcnc	tggcctgctt	ctccggtgtg	tgctacttct	tctacactgt	ctgg	654

<210> 6385

<211> 689

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (689)

<223> n = A,T,C or G

<400> 6385

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tgacaagacg	acctgcaagg	ccgacgaacc	agcctgcgaa	aagaccacag	aggaaaaggg	120
ctctgaggag	aagacaacag	aggagaaacc	tgccggagag	aaaacagagg	aaaagactgc	180
agaagcttct	gcgtaagtct	cggtcaaaac	tcgtgtttta	tctcaaattc	tttctgctct	240
ggtgtccttg	gttctcgttg	ctgtctcaca	tgcctgcttt	ttaccatggg	cttgggtttt	300
tgagcctctc	gctagtgttt	ccatctcctt	tctcttactc	ccagttcttc	attttggaag	360
tgagccttga	acctgtgaat	ttcaagaata	ttcataataa	gcttgatgac	ttccctttct	420
tcgcttcttt	tctatacctc	ctacccctcc	tttnggacct	ctctcacatc	gcccctgtac	480
atctaaccct	ttcaatggac	acccgacccg	gtgtcaccca	ctaaaacctt	gaattaaaaa	540
ctagcgacgg	aaccaaacc	catggatatt	ttgaccgaaa	agccctggac	agagaacaat	600

ccttcataaa	gaggtccgag	cttgatttga	ccaattggga	tttcggataa	caaaagctca	660
acatgaggtt	ggaggtatcc	ccccggcct				689

<210> 6386

<211> 687

<212> DNA

<213> *Aspergillus oryzae*

<400> 6386

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agggcgagaa	ctccatgtgc	tgtaaactca	acgatacaat	gccagacacg	tgtcacagca	180
cgggtctctg	ctattcaagt	cagacgggat	attggaggga	cttttgtacc	gataagaact	240
gggattctcc	gaattgcttg	aagaagactt	tttgtgatga	tgccggcagga	ggaaaatcaa	300
actggacgac	gagagtcaca	tcattgcggag	atggatcatg	gtgttgtggc	gataccaaca	360
actgctgcac	gaacggcgga	gggttcaccc	tcgattcacc	cctagtcgca	attggtaaca	420
atgcgactgt	taccaccacc	gtaacagcaa	caccgaaaag	tagcaacaag	ggatccctcag	480
attcatccac	caagytcccg	attggagtcg	gggtcccaat	gccattggcg	tgtctggcat	540
gcggaatgtt	aagaagtggg	tttctctggg	gcaaaaagaag	tgcaaggcaa	gcgctgtccc	600
aaccacgaat	ttcaaagggg	cagttccagg	tcccgcgata	ccattggaaa	accccgccagg	660
caaaacttgg	gccaccaacc	agaaaaat				687

<210> 6387

<211> 734

<212> DNA

<213> *Aspergillus oryzae*

<400> 6387

cgaggctccc	atgatcttga	acaacaacta	caacaacccc	attttctactc	tcagatcgctc	60
gtctgacctt	gctatttttac	tttggctaata	tttctcccga	gttagcttttc	tctcagttac	120
ttaccagtaa	tgtatgaatc	ctaccgcccc	catccactcc	tgccgcaagt	cccttttgacc	180
gtctctcctt	tcatacaact	cccttccctca	gtcacccttc	cctacacctt	caaatcactt	240
ccttccacac	tcccggcatc	cgtaacagtc	gaccccaaca	accccgacac	taagccccgc	300
tatgtggtct	ccgcgagcgg	tgagcacgcc	gcattccgcc	aagaaatcct	agcatcgctgc	360
aagtctcttg	aggaactgct	caataaaaaac	cgcaccgatg	cggagaaggc	cattcagaat	420
tgggaggagt	ccattgtgca	gcgcgatctc	gcagagaaga	gacgggttgc	gcccgggtgg	480
ttggaccgcg	aagagaagct	actacaaccg	agtagatcta	tgccaggtcc	cagaccgtca	540
gggcaaccag	aacacagctt	gctagatagc	ttgtcttcgg	atccagatgc	gtcgaaacta	600
ccatcgatga	agccgcgcga	cgagggtgag	gagctggata	gagtgttcgg	tgggctaaac	660
gtaaaatgag	tggtctcgat	caactgagcg	tcagggtacaa	tcatccccct	cgacgtggca	720
gcgtcattta	gctt					734

<210> 6388

<211> 676

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(676)

<223> n = A,T,C or G

<400> 6388

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tctccatttg	aatctttttca	tcaccattca	aatagatcgt	gtctgtcaca	ggcacacata	120
agtgcacaga	tgctgcagaa	gcccattctt	gtcgcctactc	acccccgcgc	atgctcaaca	180
gcatttgaac	gagtccttcat	gactcgtcgg	gataccatcc	agtgtatcca	tgagccattt	240
ggcgaatgct	tctactatgg	cccnnaaaaag	actgggtaca	aggtttattg	gacgacgaaa	300
aaggccccgc	tagagaacgg	gttttagtcca	gccaaactacc	aaaaggggat	tggttaaatt	360
aaacgtggaa	cctttttaagg	ccagaaaaagt	tttattaaag	gacctattca	atattttctt	420

tcttccaacc	ggaaggettg	ccacaattgg	ccattcotta	ctaaaatgga	accgtggtgg	480
ctggacccaa	agccaccggc	ctgccttcca	ccgtggtaaa	agcaaccggc	ctgtgcaaat	540
taggcaaagg	ccccaccac	acgccataa	cccgggtccc	acagaccag	acccgggatt	600
ccctgtgtgg	tgcccaggaa	atTTTTtcca	agttactttt	tggttttctt	atccgaaaac	660
cccatttaag	tgcccc					676

<210> 6389
 <211> 725
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(725)
 <223> n = A,T,C or G

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gctgatggcg	agacggaggg	ccgcagtcaa	tcaacacgta	gtcggttgc	tctagtcccc	120
cagggtttga	agtatcaagg	gttcgctctc	ttcgtcttct	tctgttgect	ttacagtgtc	180
aaatctaaaa	cgcgcgccac	atcgagatct	gttttacttt	cattaacttc	ccctactccg	240
agtctcatag	cgccccaatc	tcttttgcca	gcctcagaat	ctgatcaatg	agaggattga	300
catcggcact	ttttaccggc	acccgatgtg	cgccatccca	ctccagaacc	cgaacgctgt	360
cgatgctaca	gtagtgcgtc	agaagctccc	ggtgaaagta	aagacctgga	tctgccaacc	420
catggacatg	tatggtgggt	aatttgagga	cgtgttcttc	ttccatgaag	gcggctacgt	480
tcgggagccc	tgacacatta	atttgtgaca	cggtggttca	caatcgaaaa	cttgaaaact	540
tcgggatcaa	ggttactatc	ggcctgggtc	gcccatacca	cggngaactc	ccagtcggac	600
cagttggcgc	cgtctagttt	ctcgtgggac	ttgttgcgga	ctatagctcg	cgcagcttgc	660
gcttgctgaa	cccacatcca	ccatgactgt	gcactgacga	cgtcttgat	gcagcttgac	720
gatgg						725

<210> 6390
 <211> 719
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(719)
 <223> n = A,T,C or G

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gcgtctccca	acccgctgcc	tcggttcgag	gccgacatct	cttctctaca	agcaacaacc	180
aagcctcctt	gcgacccaat	atatgaacag	atcctccatc	cgcagctacg	ctagcaaacc	240
ctcgggaccc	acgaaggctc	agaccccaac	cgcaacgcaa	gccccctccg	actttgacga	300
gaccttttcc	aaactaaaca	tcaacaaccg	cgaatccgcc	gccgaaggct	cactgcggaa	360
ccgtccttct	gaagaccccc	tctcgtctct	ccgcgcggtc	ggcatgtctg	cagaaacaga	420
ccgttaccgg	actcctgtgc	ggcgggtgga	gatgaagtgg	ggacctaactc	ttgggtcgta	480
ggtgcgatgt	gagccggaga	agggcacaga	tttgccctct	gcgctgagga	tattgcaggc	540
gacatgcacg	gcgaataaag	ttcggtacca	agccaatggt	cagagttcca	catcagaacg	600
ggacaagtga	ngaagaactt	gangatggag	agtggagggg	gctgggtcaag	ttctcgttcc	660
agaagaactg	taagtccgat	cgagaagatg	agaactcagg	gattgtaaat	gtgggttggg	719

<210> 6391
 <211> 672
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(672)
 <223> n = A,T,C or G

<400> 6391
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 accccattgc cctcgggcag gtccgaggca aagaccacgt ctgaagaaca ccagcaggag 180
 caggtagacg agagtaacga agcaagcaag gaagattttg aagaattaag tgccaatgat 240
 gggacaactg aattcgatga tgacattgat accgacgagc tgttcagttt ccgaggccga 300
 gaccagcatg ccgaggacgg tgagcttgaa gggctggagc gccagattga gaatggagta 360
 tttttaggcc gccggatgat tatcatcacc cttcgagcat tcggtgcctg ctgcggacct 420
 aaggaagtca tggaggtctg gctgcatac gaacgacttt ggcaaccaaa aaggcgcaaa 480
 gcgctngacg tcatggccgt gaaagaagag ctggagaagc agataaaca aggcagtagg 540
 agacactgaa gtctgaactga aagaaatcag tgcattgaca ttataaacct gttatatata 600
 cccctcaagt gcataccatt tgatgacagc tttttganaa aanannnnnnn nnnnnnnnnn 660
 nnnnnnnnan aa 672

<210> 6392
 <211> 674
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(674)
 <223> n = A,T,C or G

<400> 6392
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 ccgcgcgcag tcttttgcct tcaatctcgt tgagaatccg ctgacgcgca gctctccaga 180
 gcaggctggt ctcgatgcc gagctttcgc cgagtcgcac cagatggcgg agcacgcaga 240
 tctgtttggt ccgcgcgcct tggtcgcgcg ggacccccc aa cgcttcgaga tgattactga 300
 gctctctgag gatgagcgcg ccgcctcact atatgagcgc gatcacaat ggcacggccc 360
 cttcatgctc tggtaactga tcgctttgtg ccgcgtcgga gccgctacc agggatggga 420
 tcagacggga tcgaacgggt ccaacctgtc cttccgcgag gaatttgcc tggttggaac 480
 agcgagagct gaattggatc tgggagttat caatgcgac atctttttga ctgctggtct 540
 tattggtgcc tttatcgctg atccactgan aactactta ggccgacgaa gagagatttt 600
 tgtaacggct tgcgtgtctc cggncacccc aattggctcg gccttttgca natcatggca 660
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<210> 6393
 <211> 723
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(723)
 <223> n = A,T,C or G

<400> 6393
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 tactgaaatc ggtcccgatg gtctgactaa gagggagcgc aaacttcagg aggattctat 120
 cgcatacgac aaaatgatgg atgacatgat cttaaaacag gtccgagagca ttagtttcga 180
 agatccgagt gacagcgacc agaattgagc ttgtgtggat gaagcaccgc ccgctcgcta 240
 tgaaacgcgt cgtacccgcg ccatgagctc ccgggagaag cataccagca acatcccaac 300
 cgttcgtgct cgtgatgcag ccgctgctct ttctggcacc gaacgcacac tccgacctag 360

gcctgtctca	attccaaagc	ccaagccgag	agttgcgtcg	tccttatttt	cgtcgagaaa	420
gcccaggacg	ccaactaacc	catcatctat	gcacatgcc	gcggccgtgg	ttaactctaa	480
aacaacagtc	gggtatacca	agggccggga	cgtgtcgtgc	aagctacatg	gcaaacctgc	540
caacactacg	aaaggactaa	catttcccan	ggattttctt	tgcgacacta	cggcgacttt	600
ccgaccctct	tttgaaccga	tcgggctntg	ccatgagcgg	atactaacgc	ncatttgaga	660
atgctcctgg	gttaagaaat	gagggagcta	attccagtga	ccttggacga	gggtatgagc	720
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<210> 6394

<211> 653

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(653)

<223> n = A,T,C or G

<400> 6394

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cagtgtggta	ccgttcagtt	accgaaatca	aaagcacggc	ctcctgggct	aattagtttt	180
cttaatcgga	ttatcatcat	gtcagcgttc	cagaaatgga	cggtcactga	gccgtacatc	240
gatatcgag	ggaccttggt	ggagggaccg	ttctatgatg	agcccagaaa	tgagttccgc	300
tttgttgata	tctgggagca	gaagttctat	gtggtggact	tagccaaagg	cccagactca	360
ttgaagacta	ttgatacgtc	tgtttccatc	ggggtaactg	ccaacatcaa	agattctggc	420
gatgcctaca	acggccagat	aattgtagcc	gcaaaacatg	gatatgctct	tctcgnacgc	480
gccacgggtc	agctctcgta	tatctctaag	gtttttgggat	gacagaagga	nccagagaga	540
gcccgcatac	gcgtttcaac	gacggggcag	tcgacaggca	tgggcgattc	tgggcggggt	600
caatgaatgn	acccaaagtg	cagtccccgg	tcaacgaggc	cgtcttttcc	aga	653

<210> 6395

<211> 684

<212> DNA

<213> *Aspergillus oryzae*

<400> 6395

ctcacaaate	cctttttccga	ttttgccttc	tttgcgcgt	tctacttggt	ctacaatttt	60
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tatgcgtaaa	aacggaaaaa	actggcacga	taacaaaaag	ccgttcctgc	ctaacgctgg	180
tctgacctcg	tacgaaaagc	gactggaggc	tcgcaagcac	ccagaaaagc	gttaagacac	240
gaaagagacc	tcaaggagaa	gagggaggcc	aaccggaagg	gcattatcag	aaattaaagg	300
accttagget	caaaagaaga	aaaaggaccc	ctccaaaaaa	atggcggaag	aaaacctatc	360
aaacctttga	accaatggac	ccttaaggaa	accgcacaaa	atggttaact	ctgaattgtg	420
ggggggaaaa	attcttctctg	ggctctcttt	tccctttctt	ttgggtttcc	cttttaccct	480
cctataaacc	actataaatt	tattttgcgc	ccattttata	tattctcacc	gcattttttt	540
ttattttccg	ggtgtattgg	gggggaaaaag	ccctttttcc	tttttatctc	ccccgcttta	600
taaattgctc	ttgggggaat	aaaaaacaag	agtgtcaaaa	gagagatttg	ggggaaaaaa	660
aaaaaggagg	gtgggggata	taag				684

<210> 6396

<211> 688

<212> DNA

<213> *Aspergillus oryzae*

<400> 6396

ggagtttttcg	gcaccaacgg	aagttttctc	cttctccgcc	atgccagacc	cagcatcgat	60
gcaacagtc	tctttctctag	acatgagcgg	ctcccaaacc	gatccagtca	cgtgggataa	120
cagtgcctcc	aacatgacca	ccatggctca	accaatgtcc	gataactggc	ccttcgatat	180
gatgtctatg	aacaatagca	tcccatcggc	agatgttgag	gcttcggggg	atgcaagtgc	240

accgtcgtcg	ggctatltga	ctggaccatc	cactcccgac	tttcttccca	ttcagcatcc	300
agacagtacc	tctaagtcac	tccacgaatc	gacctccgat	gagccagctg	gggatgaact	360
tgttggaaatg	ggtctttaca	atcaccctga	ccctttctctg	gatacctcat	tccatgaggt	420
gtctggcaag	ggtctcaagc	tggaggagac	tttcacaccc	tcgtcggacg	atgaagcaga	480
tgacagcaaa	gatgccgaga	gcgaagacga	caaccaagag	actacggaac	aagccagcgc	540
cttcagctct	gtcctgtcc	agaaacagcc	ggccaaccca	ccgaccaaca	tgatgcacaa	600
gtcattcttc	tttgacgatg	acgacattcg	acagcagacc	atgtctgcac	cccagcagct	660
ctttaaactt	aggagtcaac	ctttgcat				688

<210> 6397

<211> 658

<212> DNA

<213> *Aspergillus oryzae*

<400> 6397

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ttatgagaat	atcccatgt	tcagatcccg	ttttatatgt	catgaaagac	ctggtttagcc	180
tcgcggcttg	ggatatgatt	tggatgagaa	acgctcgtct	tgtttccttt	cgtcgccgca	240
tcgctccagg	atagcttgat	cgatggtgtt	atggctgggc	ctagaccctt	ccttctctgt	300
cctggacata	ctctttcttg	tacaggctac	cggactggtc	atctgctagg	tcagattgaa	360
gaggtattga	ttgcggcgct	gcgggtcgtg	ttatcttgac	gctcgcagtt	atttctggca	420
acacagacca	tggtggcgac	gatagaacac	tggaggctgg	attactcgtg	ggctcgggaa	480
ggctgtccgt	gacaggcgcc	cggtgtagct	gagaaccgtc	gggtctgtga	ccttgatggg	540
actcggctct	ccgagtgaac	caaattccct	ttgcctgttg	gcgcgatgtg	gactgtgttc	600
gtctataggg	tcctctctca	tcttccaggc	tgggttctga	atacctggat	aagctcgt	658

<210> 6398

<211> 682

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(682)

<223> n = A,T,C or G

<400> 6398

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agactcgcag	cccgaaacac	atgtgaatgg	cagtcagtcg	caaccgaaaa	cacaaccacc	180
cgtgcctctt	ttcgatgaat	ccacaaagcc	gtcatctcat	ccgccagtta	atctccattc	240
gatactgaac	gatgaggacc	actcaccaaa	gctaactcgtg	gactctgagt	atgtccagaa	300
tctgcacgag	cagctcacc	agcggaccag	tggctgctcg	gtggagcagc	ttgagcagat	360
caacactagc	ctaattggact	acctgtggcg	cacgcgtggt	gaatggaacc	gcagcaaagt	420
ggccgctgga	attcgggact	cattcaatga	gatcctcgaa	gacatgcagg	cgatgcagga	480
aattggctct	atcagtcaaa	ggacgaagga	acagttgggt	tcctcattcg	aacacctgta	540
actatgetgc	agccctcgtc	aagagaaccc	ttaattctct	ctttttccnt	tgccctncacc	600
cctcctctct	ttttcttcac	ccctctntct	ttntttcgtt	cctttctttc	ctacccaata	660
ttctctctct	gcttggataa	ag				682

<210> 6399

<211> 700

<212> DNA

<213> *Aspergillus oryzae*

<400> 6399

aaaaccatgt	atctccgcgc	agttcacgca	gaaacatcga	tcaaggctct	cttcgagttg	60
atccaaaaga	acctctttgg	tgtactcact	accgtatccc	cttcgactac	tcaacatttc	120
atcacgtcta	gtcatatccc	atgggtacta	gacattatct	ccgatgaccc	cgatgcgcca	180

gtgaaagggtc	gtctgcgcgg	ccatatggcc	cgccaaaacc	ctcacagcaa	gacattcatt	240
gaagccctga	atgctgcggg	cctaccatct	gcttcgccat	tgcagcaaga	agttcaagtt	300
ctcttcacgg	ccaatccgca	ccactatgtg	actcctaagt	tctacactga	gactaagcca	360
gccacggcaa	aagtgggtccc	cacctggaac	tacgctgctg	tccaggttca	tggttaaggcc	420
acgatctacc	acgatagctc	ctctcctgag	agcgcggagt	atctccagaa	gcagattcaa	480
gatctctctg	agctttgtga	aacgtctgtc	atgggctaca	cggagagagg	aaggccggcc	540
gaattttggg	aagggaactgg	agccgcgcgaa	cgggcttttg	tacctattaa	acaaaccatc	600
tgtcgtcctg	agaacctcca	tctgctactg	cgaggccgat	ctcatataac	gcacttcctt	660
tcactcaaac	tcatgactac	atctgtttctc	gtcaccctcg			700

<210> 6400

<211> 1154

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1154)

<223> n = A,T,C or G

<400> 6400

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ctggacgcac	acgcattggc	caaattaagg	ctatcgtcgc	cgggtgcagga	actggtggaa	180
caatcactgg	actgtctcgg	ggcctgaaga	agcataaccc	cgctatcaag	gttattgcgg	240
ctgatcccca	tgggtccatc	ttagctttgc	cgcccttact	aatgaagat	catgtaaacg	300
aaccatacaa	ggtcgaagga	attggatatg	atttcattcc	ccaagtgcct	gaccagcagg	360
ccgtggacca	gtggtacaaa	actggagata	aggattcatt	ccagtacgct	cggcgggtta	420
ttgctgaaga	tggcctcctt	gtangaggaa	gcagtgggag	cgccatctcg	gctctggcgc	480
aagcggcaaa	ggactacaac	ttcggggaag	atgatgtggt	tgttgctcatt	ttgctgata	540
gcattcagaag	ctatttaact	aagtttgctg	acgatgactg	gcttgctgct	aatggacttt	600
tgacatcgcc	tccggtcgaa	actgcggacc	tgcctcaac	actgcagcca	cacgaacaaa	660
aggatgcctt	cgctggatca	agggtcaggt	cgctgaggtt	gaagcctatt	acaaccgtcc	720
agtccaatac	cccttgtaga	actgccatcg	aatgatgcg	agaccgcgga	ttcgaccaac	780
taccagtgtc	tgcaccttct	ggcaagaagc	tcgtaggact	agtgactcta	gggaatgttc	840
taagtgcact	cacccacgga	cgtgctactg	ggaagagccc	tgtgtcagat	gttatgttca	900
acttcagtaa	aatctccgag	gtggtcactg	acccaagaga	tatgggattg	accagtcgca	960
cgctaggaaa	agcgataaac	tcggagtcct	ggattaaaga	cgggaaatnt	gtggagata	1020
ctatggacac	gcctctcggc	gtattgaatc	gcttcttcga	atggaacagt	gctgcggctg	1080
ttactgagag	ggatgaanca	ggagtgatga	gaccaggtgc	agtntgcaca	naggtcgatc	1140
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<210> 6401

<211> 662

<212> DNA

<213> *Aspergillus oryzae*

<400> 6401

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atacggcgac	atcatcaagc	ttgtcgggtg	tgcaagaat	ctagatgata	acacggcgct	180
caggaaatct	aagagctggg	cagaggaagc	acacgagact	ccattaatcg	ctatcaacat	240
gggcgacaa	ggacaactca	gtcgtatcct	aatgggttct	atgacccag	tgtctcacc	300
tagcctacct	ttcaaaagctg	ctcctgggtca	actctctgcg	accgaaatcc	gcaagggttt	360
gtccttgatg	ggagagataa	agcaaaaagaa	gtttgcagtg	tttggcacc	ccgtctcagg	420
ctctcgtctc	ccggtcctcc	ataacaccc	cttctctcag	gggggctctc	ctcatgaqta	480
ttgtcgtttg	gagacggcga	acgttgaaga	cgctcaaggac	ttcattcggt	cccttgattt	540
ttggggcgct	tctgtaacaa	tccctttgaa	gttggacatc	atgcccttac	tagaccacat	600
cacaccagaa	gcccgaatca	ttggcgccgt	gaacactatc	atccctgtcg	ctgatggaga	660
ca						662

<210> 6402
 <211> 682
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(682)
 <223> n = A,T,C or G

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accagactcg tgagcagatc ttcaccgaaa agtcccagaa cggctctctc agcaccacca      180
aactcgcgtg ctttgcctaa gcttcggggg caaccccatg actatcagtc qacqgaatag      240
acacccgagag gtgggggtgag cgtaatctga gatttttaga cctcrggaag ctgctgcgga      300
tcaaaagtcc ctttcgatat atttctaacc ttgtggcggg tccacgaatg agcacggtac      360
cgtcggaggg ccagattgac acggctcctc tgctaccctg caatagaagg ataaatagaa      420
tcttattgtc cgggggttgg agtccttagg tcggggagga agaaaaagag tgaaagcgctc      480
atcttctagc actggctaca agtcaagact tgatgcacgg tctttcaatc agcgtgcatt      540
gtgcagccaa tgttatgtca ctctcttgtt catcgacggg catggaatgt cgctgagcac      600
tgactttggg tgccttcttt gattcacgcc tctcaaaaag acctcacttt gggaggggct      660
ntcgtntctt cttccacttg tc                                     682
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<210> 6403
 <211> 671
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(671)
 <223> n = A,T,C or G

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ggttggttgt gagtgctgca tgatcttgga ttcattgaatg aaaaagtctg actttttcca      180
gcgtgggttcg tcgcgccgca cttctccttc gcgattcttc catggttcac catctgggat      240
ctcaacatga agcaaaaagga gaagatcacc gttgcctgcg gtctcagcct tggaatcttt      300
gctggagtat gtggcatcgt tcgcaactga gccctgtccg gcctgaatgc atctgagtac      360
atctatgata ccgtgccaat gctcatctgg tccgcaaccg aaagttgcgt gacgatcatg      420
tgctcgtcca ttcgccctct ccgtcctctc tacgttcgcg ttaggtacgg cacgaaggat      480
gaaggcagct ctggcaacac ttcctacaaa ctgccattgt acgggagcgg tcgcaagtac      540
ggcagacttt cgaaatccgg acttgaccct ttctgtctcg aaacgatcgg cggatccctt      600
tcggcacctg ctggagatta tcacanaagc aatatcaggg acgagcatat ncttctcggc      660
gtgcaggca t                                     671
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<210> 6404
 <211> 629
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(629)
 <223> n = A,T,C or G

<400> 6404

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tgatgtctta	atcctcgaa	aagatccgtc	cccaacgcga	gcaagccatg	aatctggcgt	180
ctccattgga	ccgagcgtgc	tgcctcttct	caagaaatac	gacgccacag	gcacaccacc	240
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tgatgggttc	gcttcggatg	tcgtaccgta	tccgccccca	gggaggaagg	gggatgggac	420
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tatgaatgtt	ttacatgtgg	aagctgaagc	gagcangggc	tcaaggcang	ggatggaggt	540
caagaaagag	cgtgctgaaa	tggtgattgc	cgcggaacggc	gtgcattcga	caatccgacg	600
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<210> 6405

<211> 811

<212> DNA

<213> *Aspergillus oryzae*

<400> 6405

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gtatcatttt	acacgccttg	cgtctaagaa	gcccttcggt	gaccgaagtg	aatcaactggc	180
gcctttaata	tcctttccca	ttactttaaa	tctctctcgc	tccccccaaa	gctgtgtcca	240
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agcattttctg	ctgocgcagaa	tacctcaagg	cctacattgt	cgctcaagtc	cccaggtcct	360
cttccccgga	ctccaatctc	cccgctcggc	gccagtccca	gttccgcccg	gttctcatct	420
cttcaagtgc	cgagttatgg	ctacgtcaac	tcatgttctt	cgaagagcat	tctcaagaaa	480
cagtcgacag	cggtcgcagc	tggcaccggt	aacaaaacgaa	tccagtttaa	atgcacaccg	540
accgtccact	gcgtagacgc	tattgagaat	cctgaggagt	actacggtac	gcacaccaag	600
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ttgagagcct	atttcccgcg	accgtgcccg	gcctaatcc	tggatecgaca	atgcaacttg	780
cagcacagat	gccagaagaa	gcctgtgagg	a			811

<210> 6406

<211> 634

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(634)

<223> n = A,T,C or G

<400> 6406

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aggatactat	ctccacattc	tctttcagct	ccattgaacg	atcaattggt	ccgtttcatc	120
gaaccaccaa	acaaaaggca	tcatggccgc	cgctcgagat	gcgcgaaac	cccaaatcga	180
cogtcagtct	acaacacct	tccatctgaa	gcttttctac	cgcatagaaca	acttccacca	240
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ctatgcacac	cggggtcgct	ccctccccc	gcggcggctc	cctgcccacc	ttcaaattta	360
caactggcag	tctgtctcac	tgcgcgagtt	gtcacagctc	ctcacatccg	ccttgcggtc	420
actactaccg	gacccgcccg	tagggacgag	actatgcttt	cgcctcatct	accccgacac	480
anagaccgca	gcacaaatgg	gacccgaggg	gcgaggccga	taccttagca	aggacatang	540
cagtgtgggt	attggggccaa	aggacagccc	gtaccgcgat	gagaacgacg	aagaaacagt	600
gtctctacgg	gacnctgaa	ccgacctcta	cggg			634

<210> 6407

<211> 667

<212> DNA

<213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(667)
 <223> n = A,T,C or G

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 gagacgagga tgtgattcga gactttatatt acgatctgaa acgtaacagt cgaaccgcac 180
 atgttcggaa ggaagaggca tcgcgagcca tgcacgagga gcatgagcga tcccgatacg 240
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 ctggnctctac ccacgaggat cgtgttgccg ctgcaaggga acgtgcgcag aagcgcacgc 360
 ctgaacgaat ggcatgtgct ggccctcaagc ctcacaanta caccgcgtaa acccttctca 420
 gcgtcaggaa cgcgagaaaa agaacgcgag gcccggtgaa agcaagcgga gaagaagatc 480
 caaggcgag caagaaagca qcqtcgactg gccgaagaac aggtggntca atggcgcacc 540
 ctgctaaacc agcgtctaga aaccctcacc ggttcaactt cgagacgggg cggactgaca 600
 agcccgaca gccgaagcta aaaggcaann cgagatcacc atagtnnaca agccgcccag 660
 agcaacc 667

<210> 6408
 <211> 683
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(683)
 <223> n = A,T,C or G

<400> 6408
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 agcgccagca agctctggct gaagagctcg ctgagaagcg cgctgaggaa gaagccaagc 120
 gcgcggctga agagcaggcc aagaaggccg cggccgctgc tatgaacttt gaagagagaa 180
 atgagacgat gcctgatgct cctgctcagg aggaagcccc cgctggcgac aagcagtaaa 240
 cgcctcgtct ctgttgcatc ggtcattcct ctcatectta atatectata ttatcattga 300
 acacagctct cgcatttgca gactgatgcc aatacctatg aaccaaattc aatgatgttg 360
 tgcgcgaggt tgcctttttc tatcattacg atgccccact tggntttctt tctttctct 420
 tttcgattgt cgacatgacc tggcaaaatt catgtagaac gagatttctt ttggttctcg 480
 tgtgtcgcgc atggcgtttc tgtttcccc tggttgcctt gcgaggatgc tggcgaagtc 540
 gtgcaccact gctgaatctc ggcaccgttg tcggcgcac ccttncatt cgctggcgac 600
 cggacctaca taaggcgca tcatggcacg cgagacggta ccgaacatag atatgacatg 660
 tgtggataga ctttgggctg cgc 683

<210> 6409
 <211> 692
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6409
 tttttttggt tttttaagcc accccgtgat ccactctttt tctcccgcctc agccctacgc 60
 cttattttgat ttaagaaggc ggccgcgaacc attttatctt gtctttctcg ctacgtcact 120
 gagtgaata ctctgcgcaa attaaccagt tcaacgtatt tcgaaataac cacacctttc 180
 aaacccccaa tcaaccactc aaccacccaa aaccgagaac agaaagaaag aaagaaacaa 240
 acagaatgtc ccgcggcagc ctgctcccc tcatcgtcct cgtggtcacg gtcaccatcc 300
 tgcgcgtaac cggctacatc acttatttga tcttgcaaga agtaacccgg aacacgaagt 360
 ccaagatgga gaagaagaat gtcttatgga caaaggacgg catgaaggtc ggggtgaagg 420
 agataaataa tgaggattat caggatcgga ctcagagtgt tctcgtgaat atgtggaatc 480
 atacttcgtt tccggcttat aagagtcggt tgtggaatat gacgcagccg gcggctgagg 540
 tgcagcaggc tgagaagagg aagggtaaaag tgattgattt ccttaccttt ttctgtgggg 600

ggtgggggttc gcatactttc tgggggtgtgg tggcttaatt atacctctct tggtaattta 660
tctcgttcat gctttctggt gggaaacctg gg 692

<210> 6410
<211> 695
<212> DNA
<213> *Aspergillus oryzae*

<220>
<221> misc_feature
<222> (1)...(695)
<223> n = A,T,C or G

<400> 6410
gttqtttgtc tgcgactgac aatcagtcctg ttgggatgac ctcgtttact gttgcctcac 60
ctttggggcgg aagcgacaaa acaaacatga atcgtttacc atccgtttcc agcctaattgt 120
cgccccccaga gtccaaaacgg ttgatagtt ttaacctgac attttcaccn natcaactgt 180
cacagaatcc ctcatacagc catgacatga aacttcctcc catctccggt gaccggaagc 240
gaacacaatc ggagatggac ttgccgtcgc cactgtcac tccctacaca ggcaacaaaa 300
aaaggaagtc aaatgcacga aagcaggtcg agggagatgc ggtagttggc tcttcaaggg 360
atcctgtcct tttccctcgc cagcattcgc tcacagaggt tgccactgat gagcgttgt 420
tcgggtcctat gcttccgaca gagacggaag cattggttga gcaacacatt aattcccaca 480
tggcaagatt tgaaaataaa ttaaataaac cgacacgcga tgaatatctt ctagctcttt 540
cgtgtgtgcc aatcgtttca gctcaatata atcgcaaccc aagagcatgg ggctaaagag 600
gagcgagaaa cgctcgagcg caactaatta tgatgaatcg ctgccgtccg ccacgttgga 660
agnaaaatta agaaaatcgc cccgggcccgc taaaa 695

<210> 6411
<211> 674
<212> DNA
<213> *Aspergillus oryzae*

<220>
<221> misc_feature
<222> (1)...(674)
<223> n = A,T,C or G

<400> 6411
gctcagcaaa gggaggcaga agatcagcgc gagcgccagg agaggcaaga aaaacaggcc 60
gcacctgctg cgactcctgc acctcgccca gtacctgtac ctgctaagcc cagctacaat 120
ctctcctcac tgaatcaga acgcccgtcta cttggcacgg agtggaaaca acatcagacc 180
gaagaatgaa ttgctgaagc ggccaacccc cctacttccc taccaccccg gctccagtea 240
aggtgcccac acacctgtc ggcccccttc ggacccaacg ctctatgcct cgaaacccgc 300
caatcaagaa agccgcgtag accgcttccct cgcatacaat cgacctcgcg tagcgtcaa 360
gcccggacact catcgccccc gagactacac aacaactgcc gaggttgacg cataatatag 420
ccggcgcgca ggggcacgag caaagaccaa agcacgctga tgggcctaca agtcattgct 480
cgaacgtgaa atggagcgcg agcgcaagcg ccancgtcag tgggaggaga accaaaagca 540
actcaccagg ccgttgccaa cggctataag atggaattct ggtgttgggc agggacaggg 600
accttggtatg tgcaccatac ggctataggt cggggcaacc agattcgggc cgccatggcc 660
tggattttag gccc 674

<210> 6412
<211> 664
<212> DNA
<213> *Aspergillus oryzae*

<400> 6412
ggaatgtggg cctctcacta tgaggttggc gatqcaactt ctcccaggac cccaccagg 60
cttgggcaac acccgattca acattccggt cattttatgc caggaagcat cagtagccca 120
agccatcacc tacctcagga ctcggtctgt aacgatctaa tgcttcgtca gagtataatg 180

caccaatccc	agctgcaaaa	ccccctgaat	ggatccagct	ctatatcctc	gtggataccc	240
tcgtcaaacc	ccacatcgca	ccaccgtctt	tctggcttgg	ggtgggacag	cagaggacca	300
ctggatgctg	caagctctcc	accacccctg	agtgcaccca	gccagaccat	tccaagtggc	360
ttggccaatg	cctcgtgggc	aaatgatgcg	ttcctcgcta	acacgctctc	ctcaggcgca	420
agttacccca	actctgggtc	cggtggcagt	cgcaagtccg	ctaccagta	cggtgccatt	480
ggtcaaacac	ctccctgcgg	acatggaggg	tgacaccgat	ctcttgatga	tctgaagtgtg	540
gggaacaagt	ctccgagagt	cttttgagac	aaaagcacac	acgccagaaa	ccggggtgta	600
agctttgggt	acttggcttc	cgaattgtga	gcgttcgaaa	gccaacggc	gaagattttg	660
cact						664

<210> 6413

<211> 1112

<212> DNA

<213> *Aspergillus oryzae*

<400> 6413

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cgtcaggaga	gtctgacaat	tctctcagc	tgcattacgc	ccatcaagga	tcgcagtatt	120
cacctatcta	ccccctagt	cctagtcata	actacttcta	ccaccctac	gcagagagcc	180
accatcacca	ccaccatcct	taccgggaaa	gttcgggctc	ctcgcaagac	caggcattct	240
tgccatatac	accacggctc	acggagtctt	cgccagggtc	gtactctcgg	gaccgggtac	300
attcgggtct	aagcagttct	agcaacgccc	cagaacggcg	acgccccct	cgaccaaagt	360
acgaggaaga	ggaaatgtac	ttcatttggt	atcacgcgct	ggatctgtgc	caagagtgga	420
aagaagtgcg	tgagagcttt	aaccgacaat	ttcctagccg	gcaacgacgc	ggattccaag	480
gaatccaatg	caagttctac	cgattcatca	aggagaagaa	gtgtccaacg	ctgcgagagc	540
agagacgcac	gcgcgatggc	gagttcctac	gagaggggtc	cgggctagtt	gagtcggctg	600
caccacgatt	tggcgtcgtg	gaatggatgg	gagcgtggta	tccttggatg	cgagagacca	660
aagaacaagt	tctaagtcca	cgtattccac	gttgaatttc	ctcctcttct	tttcttctct	720
aaaaattctt	acctcttcca	ttctctgact	tcctacggat	cctctctcca	ccttgaaaaa	780
tcccttctct	tacggcgcgc	aagatacctc	tgaaagtctt	catctacttt	attcacttat	840
tttaacctta	tgttctttta	ccgacagggc	tatcattctg	acacgttgct	gcgttctttt	900
ctctcattta	cattgtgtta	tgattctcac	tgggaggtcg	tctgatcttt	agcatgcata	960
catcacatca	tcattgtttt	tattctggat	tggaaagaaa	tccatggaga	ctgtcatttg	1020
tactggagtg	gatgagatta	ttagtctoga	ccggattttac	tttgagaaga	caacatacta	1080
gttccttcaa	aaaaaaaaaa	aaaaaaattc	ct			1112

<210> 6414

<211> 655

<212> DNA

<213> *Aspergillus oryzae*

<400> 6414

caacagatgg	aaacggagct	atcaactgac	attcctcaaa	tcaacgaggt	catgaacatg	60
cctcgagcta	ttgaagtcag	cactgagtct	cttacaactg	atgatgtttc	tgctccttca	120
atggagccag	aacccgcgtt	accggtggac	catgtgtatt	atttcataca	aatcttcgat	180
gtggatgcac	aggccttgcg	gaccgtcggg	tcatttttct	ctcagaagga	ggagactatc	240
aaggctgcaa	tacggaagca	cttgcaatgg	cccgtagcca	aggatttcca	ggtctggcag	300
cgtgtcgatg	gcactacggg	gacaactatg	tcctctgccg	agacctttga	ggtgttcgtg	360
cccgatggca	cttgcttcat	tgtcggagac	aagctgaaca	aggacaaaac	tttaaaactc	420
anacagcaag	ggttacttgc	caacccctgat	agcttggctc	ggtatctgtg	ggtataaata	480
cugaacccac	ccacccaagc	attcaccggg	tttcagacca	tccaagcgtc	attcaccat	540
gaattttatag	cgggtgagtta	aacaagggtta	ctatcatggt	aaaggaaaac	cctttttgat	600
tcaaccgctt	actacaaggg	agatttctgc	cttggaaaagc	gcattgtaaa	agaat	655

<210> 6415

<211> 680

<212> DNA

<213> *Aspergillus oryzae*

<400> 6415

ggatgctggg	agttctagac	ttgattcact	ggaagatcca	agtgggagct	caatagctcc	60
gagtacgggt	tcagggcccc	gtgatcaacc	tgaagcaatc	cctgatgctc	cttcagatgt	120
agaagctgat	caaatatgga	aacacgagtc	ctgggtccag	atcgacgggt	tctctgcgcc	180
tgtagagatt	ggccgcgtcc	cgcgcagggc	gttaggcttc	tttccgcgct	caaggcggaa	240
gtctgtttcc	tatactgatt	ctgagattcc	ttcattctct	ggacgcgaga	gaaccccagc	300
attatcctcg	acttcaccaa	gcattgaacc	tcagtcttcg	cgcgatacac	ctatatccgg	360
aaatagacct	cacgcgcact	cgtcagggtc	acgagcatca	gccaaatcca	agcctgccgt	420
gcgccatcaa	cgccaacgca	gcaatataca	attagccggg	ccgggagttg	gcacccttga	480
tccgtgacac	aaatggctcc	tgagccgggt	ctcgacgggt	tgaataaatt	ctttgcccag	540
catctaccga	accttgcccc	cactcccact	ccaccgaaaa	ttccaagact	ccactgagta	600
tacctcaaat	gctgtgtcca	acactcccac	cggcttggtt	atataagcgg	tgcaatcgag	660
ggctgggtca	aaaagaagat					680

<210> 6416

<211> 570

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(570)

<223> n = A,T,C or G

<400> 6416

agtccaggac	gagggcaaaa	tctctgtatc	tctccgttat	cacgattcga	attactctat	60
cacgcctttc	acaaagacca	aattaaagaa	cccttcatca	tgagcactct	cgacaagatc	120
cactccgaca	acaaccttaa	gcagggtttc	catcctagcg	ctggtaactc	ccagccgctc	180
acagacaagg	gccatcaacc	cgccgcgaag	gtctctccta	aagactatgc	ccctgagttc	240
cacgcagaga	catatctctc	tggaacgggt	cccgcctagca	actctttaca	ctcccaacac	300
ccggctcggag	gtgggaagcc	aggctcagaa	tcccaatggt	gagcgatctc	acggaaaagga	360
gctgtgaaga	acgaacgcgg	accagagctc	gcaggagagct	acctcccagg	atgtgcacac	420
cggtctagggt	caccttgagg	gcggccagac	gagcgcagaa	cttcgccatg	acggacaaaa	480
gcaccggaag	aaccccggtg	gtggcctcga	gggtgtcggg	gcaagccang	agcccccggt	540
acgaccgtca	gattccccgg	cctgcgcggn				570

<210> 6417

<211> 664

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(664)

<223> n = A,T,C or G

<400> 6417

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ctcctcctgt	ggctcctcgt	cgcagattcg	acgatgaaga	aaaagaataa	ggccttgact	120
tctgggaacc	ccgttgagga	ctccgaagaa	aaccggaaaa	agccagccaa	agcggccgaa	180
gnaagggtta	nggcagacgc	cgaaacttgc	gcnaagggtta	ggagcaggtc	gcagccattc	240
gaggaccaca	ggaagaaccg	caaaagggaag	gcccagaaga	aggattccga	cagcaagaag	300
aaggccgatg	ccgacaggag	agcccgtttg	cgcgcgcgcc	agaaggatgc	cgatctcagg	360
cagctctgaa	atctgttcgg	agatatcgac	ctaaacggaa	acgcgcgcgc	ccccaaaggt	420
atcgatatata	gagactcngc	caaccagaca	caggccgtag	atctttgtgc	catgcctata	480
ttcaagcaca	ccacttagga	gcatttcgct	cctgagactt	acacctttat	ccgcgtcgtg	540
actcccaatt	caaagagcct	cactatnccg	tggggcagag	aattcggtta	acattttgta	600
aggacttcaa	cgcccaattg	ccaaaaaatc	cctgggttta	agcctattat	gaccgggaga	660
agta						664

<210> 6418

<211> 729
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6418
 taaatcaggc cccggggccat atcaatttat cacctgataa ggcacacaaa tactataaga 60
 gagttaaaag agattttccat atcgggcatat ctgtattgtt ttcattccaac tggacacaaa 120
 gagagcgtct cccgatatta cactatcgag catcgccatt ctgatattgc gatagaagat 180
 tgtgcagaga ataccctgtgt gcttggtatc gaggaataac ttttatggag gaactggcgc 240
 gtttcttacg gacggctcac tggcaacaga cgggtcacaa tacatatttc tgtgatgac 300
 ccagattaga gactttatgg gttgatctgg tcaaggagct gccagcctca ctgaaaggct 360
 acggtctcca agcgtggaaa ttaaattggaa caacgaagat actagaacca gaaggttaca 420
 tacaaccatt gccttctatt cctggcgaaa cgacctcaac tgataccaac gagccccgaa 480
 tcttaggggg acctaaattg acacctgaat caggcccaat cgcttttacg agtgaagtca 540
 ttctcaccgg atcactttat tttatagtag ctctccccc aagaaaaagt aaatgatatg 600
 argctttaca tgacgtggcg ggttgattga cgattttttg acttattgac aattcttcaa 660
 cacttttcag ttgttgaaca aattgcccac ttccgactct ttgtgaagtr ctggaataaa 720
 ttgtggata 729

<210> 6419
 <211> 716
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6419
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 cacaatcacc atgctccgct aatccatcag acctctcact accgctaacc gcgccctcgt 120
 ctcccggtct ttttcagctc tcgcccccaa gatggccgca ggtgataccg gtgctccccg 180
 tcccggtggt tcccagcatg cgtacgtcgc tctttaactt cccctggtg ttttgagcgg 240
 gtaaaagagg tcgtcatccg accgcaggat aatgacatca tcgttgatga atgggacgat 300
 ggcactaacg catgcataca gcgaccaatt caccaagcgc gaagccgcac aggagaacct 360
 ctacattcac gagaaggagc gtgagaagta tgtattcacc atttctcttg ttatctaaac 420
 cccccccccc cccccccctc ttcgagccgt ttccattggc ccaattctgt ctggcattgg 480
 caccggttcgg aattgtccgg ttgcaaatag atgctgactt gtctctgtag gcttttgccc 540
 ctccgcaaca aggtcaagga acagcgcaag cacctcgatg agctggacaa gcacattgag 600
 gagttgacca agaaccaggg cgggtgaacag aactagatcc ttcatttttg atgatctttt 660
 ttacatcgga tgacgcagtt tttttagctc acagtttccg atcacggtag catatt 716

<210> 6420
 <211> 684
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(684)
 <223> n = A,T,C or G

<400> 6420
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 aatccggccc ggtttccgag gagaggaagt cccctcatgt ttcttccgct cgttcgctgg 120
 tcggccaaaa caccgcgggg tgatggccgg cggctctagaa ggagatgtct tcattcggatc 180
 gcgagacacg gagctgcggg gcctgttgaa gatccggtac ccgctggaac accgcctcgt 240
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 cgatacagcg gcccaattta tgttcgagac attcaatgtg ccgctctctt ataagtcgat 420
 tcaggccggt ctgtcgtgt acgcgtncgg cccgacgacc ggtgtggtct tggattcagg 480
 ggatggtgtc tcccattgct tgccggtgta tgaaggtttt gcgatccga acagtatacc 540
 nccgattgat gtcgcggggc gagatgtacc gnacagttgc aagtgggtgt ccgcangaat 600
 ggacatgtac tggatacaag tgctgaaaaa ggaggttgtc ggaaggatca anggaggagt 660

<210> 6421

<211> 1410

<212> DNA

<213> *Aspergillus oryzae*

<400> 6421

ttacttttta	ttccccgtta	taaaactctt	cctccatttt	ctcaccctcc	caactctttt	60
ttaaatctcc	atctaccatc	ccctaaataa	atcccccaac	ttatcagaat	cctatcacaa	120
tgggtcacga	agatgctgtt	tatctggcca	agctcgccga	gcaggccgag	cgctacgaag	180
agatggtcga	gaacatgaag	gttgctgcct	ctgcgatgt	agagcttacc	gttgaggagc	240
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togtcacctc	tattgagcaa	aaagaagagt	ccaagggcaa	cgagtcccag	gtcaccctca	360
tlaaggagta	ccgtcagaag	atcgagtctg	agctcgctaa	gatctgcgat	gatatactcg	420
aggtctctga	caagcactcg	atccccctctg	cccagagcgg	cgagtctaaq	gtcttctacc	480
anaagatgaa	gggtgactac	cacogttatc	ttgcggagtt	ngcncatcgg	gacugccgta	540
agggcgctgc	cgatgcctct	cttgaggcct	ataaggccgc	cactgaagtt	gcccagactg	600
accttgctcc	taccaccccc	atccgtcttg	gtctggctct	taacttctcc	gtcttctact	660
acgagatcct	caactccccct	gaccaggett	gccacctggc	caagcttgct	ttcgatgatg	720
ccattgctga	gcttgacacc	ctgagcgagg	agagctacaa	ggactctacc	ctgatcatgc	780
agcttctcag	agacaacctg	acctcttgga	cctcgtctga	ggccgagccg	gctgctgaga	840
acgcctccac	cgagaagaag	gaggaggccc	ccgctgctga	gggcgagaag	ccgcgcgctg	900
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tgttgattca	cgcgaaagag	ctagagcgct	gaagaggaaa	aggaagcgag	gcgcctttca	1020
cgttttcgtc	tcatacaatc	tagggcaaga	tggaggcttt	ctggcgccac	agcccgcgga	1080
tggagattcg	ggttcttgat	gattttcggg	tcctctgctt	tctgtctcta	acgcagttca	1140
ctttggggcg	tggteggett	ctgcccgtgc	accgattctc	catctgtggt	tcaacttttc	1200
gtttctcgca	tgattttttac	cttattttccc	ttttaaatth	ttttgcctat	tggctcaact	1260
acccaaagaa	tacctttccc	tgttacagac	togtgcccc	tcaaacatca	gtgaaattat	1320
tttccctttg	caaggccttg	actataacct	gaacattggc	tttggggtcc	tttcgtgccc	1380
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<210> 6422

<211> 1141

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1141)

<223> n = A,T,C or G

<400> 6422

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agctttaatt	tctcgacacc	tttcttcgtc	cgctaccccg	ccgcagtcgc	ccaccatgtc	120
ttacaccggt	cgcaagatcg	gccaggccaa	caccttgagg	caccgtgtct	acatcgagaa	180
ggatggccag	cccgctctctc	ccttccacga	tattcctctc	tacgccaacg	aggagcagac	240
tatccttaac	atggctggtt	agatcccccg	ctggaccaac	gccaaagcag	agatctccaa	300
ggaggagttc	ctcaaccccc	tcaagcagga	tgtcaagaag	ggcgaagctc	gttaagctcc	360
taactgtctc	ccccacaaag	gttaacctctg	gaactacggt	gccttccctc	agacctggga	420
ggacccccaa	actgtccacc	ctgagaccaa	ggccaagggt	gacaaagacc	ctctcgatgt	480
ctgcgagatc	ggcgagcttg	tgggtacccc	cggtcaggtc	aagcaggtca	aggctccttg	540
tgtgatgggc	cttcttgatg	aggaagagac	cgactggaaq	gtcatcgtca	tgcagctcaa	600
cgaacctctg	gctcctaagc	tcaacgacgt	tgaqgatgtt	gagcgccacc	tgcctggcct	660
ccttcgctgc	ccaanagagt	gggtccgtat	ctacaagatc	cccgatggca	agcccgagaa	720
ccagttcgtc	ttctccggcg	agtgcaagaa	caagaagtac	gtctcttgagg	ttatccgcga	780
gtgcgctgat	gcttggggaga	agctcatgac	tggaaaagct	tccaaggggc	agatcagcac	840
caagaacgtc	tccgttttgc	actccaccga	ccgtgctgaa	cccaacgagc	ttggcggcat	900
tccttaaggc	cagaaccttc	ccctgcccc	tttttgttgc	agcgttgaca	agttggctct	960

taatttcg	gctgctgt	aaattggtcc	cactaaagga	aattaaaatc	ccccacatct	1020
tggtattctac	ttatgaaccg	aagtccccctt	atTTTTTt	gttTTTtggcg	nagaaaaaaa	1080
caatacaaat	aatatTTTTt	ctggggggccg	tctcaacttg	tctttataag	ggcgctttt	1140
t						1141

<210> 6423
 <211> 580
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(580)
 <223> n = A,T,C or G

ggctaccgct	ccgattccgga	cgaggccctcc	ttcttctctc	gttccccccct	ccgcacatcct	60
ctccgcacct	tccccaaagc	tcttgacatc	ctattccggc	cgactagtag	ttttatagcc	120
cttgtgaatt	ttttccaatc	gacgaatcgc	catcttcaac	ttactcttct	caattcagtg	180
tcatatTTTT	ttttttgtaa	aatacatcac	acgtctcttg	acgtcagttc	tgaaacggtg	240
catcttgagt	tcagttcctc	ctgtggggagc	tttggatagc	ttgcccgcac	tacagctcag	300
acaccatgcy	tatcactgtc	agtgtcatcc	gaccggacca	agccgatgct	gatatcatat	360
agcttgagggt	gggggggggac	atgaccgggtg	agcttctcaa	agctatcgtc	gagagcgaaa	420
ccctcggttc	cccgagcgcc	caacgaatcg	tctacaacaa	tcagttactc	ggagatgatg	480
cacgtaccct	tgaacagggt	ggaatcgggg	aaggagatat	gttgggtgtc	catgtacgct	540
tgggaagtct	taaggggccc	cccgactggt	ggcggccttn			580

<210> 6424
 <211> 706
 <212> DNA
 <213> *Aspergillus oryzae*

gagtggattt	aggggggttg	ttgaagacgg	aggtttagttg	attaaggata	atctagaaag	60
tacatgacag	ggatattttt	ggacggaggg	ggccaatggg	ggccataatg	tgatctcgct	120
tttcgtattg	cattcaagat	cttattctgt	ttctcttcta	ttcatacttt	aattcttcaa	180
ggatgtttca	caccccgctc	gctgggtttt	gcctttgatg	ttctgtccat	gcctgataat	240
ctcttttact	caccactatg	cttcgactct	aaagattcct	tttaccacc	gccgctcgat	300
cttccagct	ctactactat	tcacctaccc	tccccccac	tttgttcgca	attattcact	360
cttcattatt	catcttatto	cactttttctc	gctttatctc	tctatgctcg	tctctctctc	420
ttacatacac	ttactcttat	tcattcgatg	attctacttt	tatactactt	tctctccctt	480
ttctctccat	ccatacacct	cattagtagc	tactcaacta	catgtcacta	acttatcgat	540
ctcacatgac	ngttccctct	ctatctcctc	tccaccaatt	ctcggtccta	tatcgaaagt	600
agcccttac	catgcttcca	ccaccactat	aacctcactt	ttatcttaat	taattctctc	660
tattactacc	gtctctctct	tccttcactg	ttttctgctg	tactcg		706

<210> 6425
 <211> 640
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(640)
 <223> n = A,T,C or G

gtgaattcaa	tctatgtgga	gtctattaga	tcactctacgt	gatttattgc	tctcttttcc	60
tccttaattc	tgctaaacc	gtcaccgacg	tagccacct	catttccctgg	ttcacattgc	120
attgcaactc	cagctgatga	aagagtagca	tccaatccac	cttgaatgat	accatcgaag	180

cggtctgattc	cgtctttaat	laccacacca	cccaaaaggc	gtcttcaagg	taccaaateg	240
agaatggact	ttccaccttt	ccttacatgg	gacaactaac	cgccaaaact	gaacaaaccc	300
aaccttcttc	tttcgcggg	gccacggtgg	aacaatggcg	ctgcaacgtc	cattaaccga	360
gccaacgcg	atgtactgaa	ccaacccctt	caggatatgg	aaagggggcg	atgtaccttc	420
gtgccgcctc	gtgccagaaa	aatannntnn	tnnnnnntnn	gtnnnggttat	tnnnttntta	480
ttttatatat	ataaaaagaag	aaaaaatnnt	ttntnnntnn	ntaagggggg	ntgnngnnng	540
tnnnnnnnng	aatatttggg	ggggctttat	atccttaagg	gggccttttt	ttttatatgt	600
tgtecccccta	ccccccccc	ctctccaaaa	gccatagaag			640

<210> 6426

<211> 657

<212> DNA

<213> *Aspergillus oryzae*

<400> 6426

aacaatlcaat	tgacttttga	caacccctgt	tctactgtca	ctgggtctag	tagttcgtca	60
ctcgcaagcc	atcatgtccg	gatttccac	ccttaagcct	gccttccacg	ttcgggtgaa	120
catagatgct	cctctagcag	ttggcagcgc	ctctcggtcc	aacctctctc	aggttgtgcc	180
aatgacggga	ggtacgcgtc	aggggtgactc	tggtttctcc	ccgcgcctcg	acgccgaatt	240
cgtegggtga	ggcaatgact	acatccacgc	tgatgccgat	ggcaagcacc	tgcgattgaa	300
tgcgcattga	gttcttaaga	ccaaggatga	tgctctcttc	tacctgaact	acaccggtgt	360
tgctaccctc	acccccgcag	agcaggctgt	cttcgccggc	accgcctcag	agggttcaac	420
gcctttcggc	aatatcttca	cccattttac	cttcgagacc	ggcgacgagc	gttacaagga	480
cctcgagaa	cgtgttttcg	tggccagggg	acgcttcaac	atcgagagcg	gcaagccggt	540
cgtecgagta	agagtcagcc	aggttcacca	tggtttaagtc	agattctttc	acaatatcac	600
ggtaggacga	gcgtcaatcg	atgtatccac	tccaagcgga	atattaaaca	tatcctc	657

<210> 6427

<211> 625

<212> DNA

<213> *Aspergillus oryzae*

<400> 6427

tggagatcaa	ctaccgcgc	gcgtgtgcta	tgaaaattcc	tctgggtgcg	ctgtgtatcg	60
acccccagaa	cctacttttg	gtcattctcg	agccccatct	ctggcccttg	ctcgatcgac	120
ttcctatcaa	ctggggtaat	tttggtcgct	actctcggcg	cggctgggtac	tttgccgacc	180
gaggcgagtc	gcategcgc	tacggtccga	tctgggcgct	tgtcactccc	aaggaaattt	240
acatcaatgt	cgccgactca	aaagcaatcc	atgacatctt	tcaacgacgg	acggatttta	300
ttcgccccgt	ggaaacagtat	accgtgctcg	aagtctattg	accatgtatc	ttcacggcaa	360
atacaaccga	ctggccacgt	catctaaaag	tgcttgcttc	ttcttttaaac	gagagtgtga	420
tgtectttgt	atgggatgaa	agtgtggagc	acaccgcgca	catgattgac	atctgggcct	480
ctccagacct	cgataagata	tccaacgtcg	ccgaagatac	cccgcacact	attgtgaaag	540
tctccctgct	ataagaattc	aaaaaaaagat	tctttttttc	cctgggaatg	ggaacaatca	600
cccgagacaa	aatgactttt	gttat				625

<210> 6428

<211> 666

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(666)

<223> n = A,T,C or G

<400> 6428

cggaagagaa	acaccggaag	agaggatgtc	gagactcgat	tgcccgaaact	cgaaaaatcc	60
gaaaaagccg	cccgagaagc	tcttctggca	gtggagaaaag	agcttctagc	acagaaggca	120
aagcatggcg	ggctgtcgaa	atcgtcacct	agaattctgc	cccgcgaggt	ctgggacgtc	180
gagagacaac	aggaaacaga	gcaggtcgaa	gagcaaggct	ggtgggcttg	gatcacatcc	240

tatctaccag	ttgggtcagac	gccagaacag	caagcagaat	cagtcaccaa	ggaaagtaag	300
aagacaattc	caaaggcacc	catgcctggt	ggcgaggcag	taccagcaca	ggctccctcc	360
aaagcacgac	agagttttgga	gtcgaaaaag	gcttgaggga	ttatctactc	atggatagat	420
tctttgcgtt	tcttttgtac	agatattatt	atagaactca	ttgttgaagg	cgtgtgttgg	480
tcttttatat	tttgaatatc	cgggatgcga	catttagata	nccttctctg	ttacaaggga	540
gaagaagcag	atgacttgaa	ctcctctcct	aacaatgaca	tgtgatacaa	gtgtacataa	600
ctctgacttc	ctaaatgtgc	tacaaacaca	ctctacacaa	ctatgaatac	ccaaatcagt	660
ttttct						666

<210> 6429

<211> 689

<212> DNA

<213> *Aspergillus oryzae*

<400> 6429

gggacgcat	tctctataca	tggataattt	taaaactccca	atccccgggt	togaatagat	60
cgcctgtttc	cagatgactt	cacccggccag	tgttgggcta	tctgggtcggc	agtcacatgg	120
cctcgccctg	atccggggat	gcgcccacgg	cgatacaaaa	tgatattttc	cccgcgatcc	180
tggtcaaccc	ctcccttcca	gacaggtcac	ggacgttgat	ttgaattgga	tcacatatac	240
cagtgaagaa	tcattcacca	tggcgacccc	cggccttctt	tacgtgacga	tgcaaccccg	300
cgattccctc	cccgcgggcc	agttccacga	ctggtacaac	accgaacacg	gccccctacg	360
tctccgactg	ccctttgtca	ctaattggctt	ccgctaccgt	gcccgcgacg	gcattctatcc	420
tgagtgggtg	gctccgtacg	acattaccga	catgggtggaa	ctgacacgcg	agacttactt	480
ggctcttccg	gggggatggg	gtgaaacccc	acttaaaaag	gtttccttgg	ccaaaatgac	540
gttaatcgcc	accttatgat	cttttccactg	accataaagc	ccccactcca	accctggccg	600
ggatatcccc	accctgaagc	ccccggctgg	gacttgtctc	tgctgggtcc	ccgtcccgcc	660
gccacggaga	aggacctcct	agttgggtct				689

<210> 6430

<211> 682

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(682)

<223> n = A,T,C or G

<400> 6430

cccaccacgc	cattactctg	caacgactta	cgtaacttac	ctttacacga	acatttcaca	60
atgaaggcct	caaccgtcct	tctgtgtctc	ttcgccgctt	tgcgggccgc	cactgaaggt	120
gatccacacg	tggctgacga	gactcctaca	cccacccaat	ccctgcggac	agtcgcccct	180
aacggtccta	taaagtgtga	cgacctcact	ccggaggagc	agcgatttgt	cttccagtac	240
atgagggatc	atggatttgg	accgtatccg	ggtacagtaa	tgcccggagg	ttggcggtgg	300
ccagacaagc	gcgacggttc	ccttcagcct	gagaccgagt	ttaaccctga	cctgtcgaaa	360
ctcatgcaca	tcattggacac	catgcccagg	ccacaaggaa	agatcaacca	ttacattggg	420
gaaaaatcga	aaggcaagga	cgactcgaat	gaagacgatg	aggaggatga	ggatgaggac	480
gatggcagtg	atgacgagga	cacctctcct	gctagccccc	ttggaaagcg	gaagcagaac	540
ccctgcaagc	gaggttgccc	agctgatgtt	cattgttgtc	ctggtgacaa	gtgcttctat	600
gggggtttgt	tgggtcctca	gattccgcct	aaagagttan	agtggtgagat	ctacgaaagg	660
gatgcacccg	cggatgaagc	gg				682

<210> 6431

<211> 680

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(680)

<223> n = A,T,C or G

<400> 6431

ccataaatta	caatgacaca	acacctgagc	gatataacta	cctgccacca	aacaggcgct	60
aagcaccctg	tgtatgactc	ccctagtgac	cgcgaaaccg	acaggcctat	caagaaacgg	120
cagatccggg	ggaggactat	gttaaaaagt	ggtgactgcc	ggcgggaagaa	aattaagggt	180
gacaatagat	ctatctacca	gtcatgtcca	togaatagac	aaggctgttg	taagaaaaca	240
gttggcgtgt	gccgccggcg	gactaccagg	ggcccttgtc	catcaacggt	gttaacggaa	300
agtgaagggc	aaangagtga	tagaacaacc	aaggagaac	tatcaaaacg	attggatcga	360
cttgagcggc	gcttgcaact	catgttcccc	gagctatttc	ctgacccgga	tagaacaang	420
agactctgat	ggactcgggc	gaacactctg	agactgttcg	ctcagaaaat	gatattctatc	480
cgggtggcatg	taaagcgggt	gctatcgaga	acagatggct	atctcantca	gcgaacttct	540
ccgatgagat	tcctatccaa	cctacccttg	ctatatctaa	aaattgtcta	cccgaaggta	600
cagacacatg	tagtgtgggc	gacattgcgc	cttcatttca	ggcgtcttcg	tctccattaa	660
agtccecggt	atcttcgggg					680

<210> 6432

<211> 658

<212> DNA

<213> *Aspergillus oryzae*

<400> 6432

ccggcgcagc	cactcagtat	gaggaataac	gagctttcgg	agcattcgct	gccgggggaga	60
catagacaaa	tattggccag	ccccgatgag	agccacggtc	tcaccatcg	ccgctcagct	120
accacatcgg	ttttgtcgag	cctaaacatg	cgcactccga	actcattatc	actgtctcta	180
togatccggg	cggagaattc	tgcattctgaa	tcccgggtcaa	gagcgggtatc	gccacactca	240
cagcctcgac	aatcaatagg	agacattcat	tccattatgc	tgagctcctc	caataccaac	300
aactacgttg	ttagcccggc	tgatggctct	ggcgggttact	tcagtttacg	acctagcagt	360
gggggttagta	gtagaaccac	aacgcgcggg	agtacgacac	caattgaaga	aaacagggtct	420
togagagcta	tgggtagaac	catgggtgcac	taccctgggtg	gtgtgagata	ccgtcggagg	480
agcatatctg	gtccaaattc	aagcgcctga	atcgtgagggt	ctttctatgg	cttgagccgg	540
gttatgatgg	gaagcgattt	gttgtgatca	tataccgagg	gtttcttttag	ggagaatcat	600
ccgaagagag	cataggagtc	tcttaaattc	cgcgaatttt	acaatgagaa	aaaaaaataa	660
aaaaaaat						668

<210> 6433

<211> 860

<212> DNA

<213> *Aspergillus oryzae*

<400> 6433

ggcgtctcga	tctgcgcgct	ttttggcccc	atctgcctat	tggttttatct	ggtcttccct	60
atcgtgcctg	gggtttccgg	atcgaacact	cgaatgcgta	ctcggaaaca	ttacaatcga	120
tttgcacctg	ggaagtccca	ggtagaaaaga	acaaaacgca	attactgtgg	ctatttttacg	180
tcateccctc	tccgtttgtca	tgttttgtgca	ggatctctaa	gccatctttg	aaaccgaccg	240
ggaggggttag	accgaaggag	atgcaaaaacg	aaattcttct	gtctgtcggc	agaacgaggg	300
gtatctttca	gttgatgttt	gccactgaag	accttcggac	atatcattcg	ttgttttggt	360
tcattttccc	tgcctttact	ctgcaattgt	cttttgatct	cctgtttttgc	acattccagc	420
actccagact	gttattattt	gattattgac	gcaacattgg	ggacgatgag	tatgaaggta	480
tgacaactga	agaggtgtgg	gggtgtgtat	ttcttgatgt	ccaaagatca	aggttccaga	540
cttaaacatg	cagtacgaga	actggatggc	acgggtggta	gtactgcaca	cgatgatttg	600
gacattaaga	aagcaactct	ctacgatcgg	taactggcga	cggaaaatgg	ctaggggtcgc	660
ttcccgggag	gtttttgcgtc	atgcgagatt	gtttcccttg	ggggatttat	ggtttcttgt	720
gtctctcgtc	ctctcttggt	atgagaagaa	gactggacaa	cattcgaagg	tcaccgggct	780
tgcaaggggac	cttgggaacac	ctaaacccca	ccgcgcgcgg	ttgcataaag	gaggaacgct	840
tggggttttc	ttcaatgccc					860

<210> 6434

<211> 683

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(683)

<223> n = A,T,C or G

<400> 6434

cttcttagta	tttttctcgc	attgtgetta	cacatcgctg	gcctgttttt	cttgtcccgt	60
cgtgtgagac	ccctatacca	accggatccg	atgtcattcc	ttttctgatt	cgccctcaatg	120
ccgaccccca	gtgacaacac	accaagcctg	aatgccacat	cgatcgctga	agaaatatcc	180
actcggacaa	catgtccgcc	tgaaatagag	aggetgtctt	cctggcgaga	ctcacctgaa	240
tctaccgtgg	cggagagcga	tgtcccgat	aacgcctct	ccccaccat	tgcacggcg	300
cagtcctgtc	tgactcggtc	ggatgatgct	ataactcgta	ccaaccaga	tgcattaaaa	360
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atattacaca	tagtactttc	tgcgacctgt	gagtaaattc	accggcacgc	aggantcaca	600
accgtcagat	atactatgtc	tatgtggaga	tcaagcatgt	cgatatgggt	gaaatagatc	660
tttgtgggaa	tctagaaaat	cca				683

<210> 6435

<211> 572

<212> DNA

<213> *Aspergillus oryzae*

<400> 6435

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atacggttgt	tcacagtcca	gagagcagcc	agcttcctcg	ccgtcgcatt	ggcgaccata	180
tcagcctgcg	agttttgttg	ctgctgctgc	tgtgtgctgc	cgaaagtagc	tgtcatcggt	240
gtgttgggtc	tgggaagcca	gctggcatta	ccaacattgt	atggcgacaa	aagaggagcc	300
tcaatttcgg	gtgcaggaat	cgtggcagtc	tgcgggaggg	gagaacggag	gccagaagac	360
gcctggctga	actgccccat	gggctgatgg	ccagaggacg	acttgggtcg	agcaattgga	420
ggctgactat	cgggaccccc	ttgggcccac	ggagatacag	ggggctgacc	taggttgtcc	480
gtgtatattg	tctggagcgg	agatggtagg	tgcaacgaac	gaagtccgat	cgccgaatac	540
agcgccctcg	tgcgggattg	tctacgcata	ta			572

<210> 6436

<211> 1653

<212> DNA

<213> *Aspergillus oryzae*

<400> 6436

cgcggtttgg	gccactacta	ctgtcggttac	tacttcggga	acctaacctg	gataccaatc	60
tgcacgagag	cctcctccat	ctccttggat	cccataattat	ccatttcgta	gatggtttct	120
ccatctttgc	gtctacctta	gacctctct	cctcataaac	gtcaggatgc	cgccttccag	180
cgggcacctg	ctgctcccaa	agttttggag	agcagctagg	tttgccctacg	agaaggcctg	240
caaaaccata	aggacaaaagt	tcccagaaca	agtcacacat	ggaagccttc	gatttcagcc	300
agccttttga	cgtatataat	cgaaatcgag	galtcaaccgc	gctgcagcaa	ttcgcacaggc	360
ccgtgcgggt	cactactcca	ctcgtgcgag	agccttcggt	tcttatctcc	ggactggact	420
gcagggtgac	cgcgctgctt	ataagacatc	ccgtgttgcg	tggaaatcca	gccgtcttac	480
cactcaagca	cccttttgcg	caactcttcg	tccaaaacttg	acgggaggga	ctctcggccg	540
taaggcgagg	ggctataacta	taggagccgg	ccggattggg	gggtcccgggt	atttctcaca	600
gggacagct	gcacccqctc	aggtcattca	aaatqgtgtcc	atgggtgtcc	gggcattctt	660
cctgtctgga	cagaaggctc	ggttttgatgg	cctcgaggaa	gtrahggaa	adaagaagta	720
caaagcctg	agcgcacttc	aagatcaggc	cgagcgggaag	atgacgggaa	tccctcggac	780
tgcacgggga	tcatttgttg	acttccagct	ctcccttacc	atcactgcct	ttgggtctga	840
gaagaagttt	gatccatccg	gagccttcgc	ttctgatacc	atcaactcag	acgggtctttt	900
ggacttctct	tctgccqact	ttgcgcgtgc	tcttaaggac	ttggccgctg	tactcaacga	960

cctcaaacgc	ctgtcaaccc	taggtgatct	tccatatctta	cllcacgaca	agtcgacgct	1020
ccgggtgaga	tttcctgggt	gtgacgcagt	cactgtcgaa	cgactctgtg	acgaggttgg	1080
agttcaacga	gggaagatca	tgcaagacga	ggacttcgat	gctcgtagag	gtgctgacct	1140
tgccctcctg	ttcccccctt	ctcccagtg	tcccgcgtct	ccagagacag	tggattacct	1200
cttctcgaag	gggcccctat	agccacaagc	tcccgaagaa	gttgattggc	aggctatgat	1260
gtcttcagag	accaactcag	aggettccacc	tgagtttcga	ggaaaccctg	ggtcgaagct	1320
cagtttcgag	gacgtaaccc	tggtcggcga	gaatccgtgg	cagcaatcct	catcgtcctc	1380
tggatattca	agtatcaaca	tcagcgaact	cggcgaccgc	gcatacttca	atgagatctc	1440
gagcaccggg	ctccctgaaa	gtgcttcaga	atatgaagga	tcggacgggt	tgcaccgatt	1500
tcttgccgaa	tgtaaccgtg	ctcctccaat	ttcttagcta	cttgcgcttc	catgttggtc	1560
catacaggct	ttgacagtct	tttcccataa	tttcttttgg	tcatgtttgt	tcgaagcaga	1620
caccataatt	gaggtgtgct	caactcttgt	gct			1653

<210> 6437

<211> 613

<212> DNA

<213> *Aspergillus oryzae*

<400> 6437

gttccaatgg	ctcaattgct	atgatcaact	gatgcggcta	tgggtaaatg	ttcgtcttac	60
tgtacatgtc	cctctcacac	tccttgaaag	caatgccgat	gatgcctcgt	caagactccc	120
cacaagacaa	gggtgtgctct	cgattaacac	attttccact	acgcacgtcg	tgaattagca	180
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<210> 6438

<211> 651

<212> DNA

<213> *Aspergillus oryzae*

<400> 6438

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cacgattttgt	atgaactttc	aatagacttc	tgtctgttcg	cgatttcaca	caacctcccc	420
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catatatatg	ttatgcctct	tatacatttt	ttcccttggt	gatttcaatc	tttgcaaata	540
cacgttatgc	attgaacaga	aatgttttcg	atggcgcttc	gggacggatg	tatgctgcaa	600
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<210> 6439

<211> 677

<212> DNA

<213> *Aspergillus oryzae*

<400> 6439

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<210> 6440

<211> 1003

<212> DNA

<213> *Aspergillus oryzae*

<400> 6440

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<210> 6441

<211> 1243

<212> DNA

<213> *Aspergillus oryzae*

<400> 6441

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gaaactcggg	gtgatgtcga	gagcgataaa	aaggccaaaa	acaggcgacc	tgcaaatact	180
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<210> 6442
 <211> 716
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6442
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 atggttgagc tglccggatg gaccactcct aaggatatca tcttaagggt cgtggcctc 660
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<210> 6443
 <211> 663
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6443
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 tgatgcagac ctggcccgct cgtgtacccc gaccagtcga cgataagggt ccatccgacg 180
 cacccttcat cgtcgccag agagtgtcg actctctgtt cctagtgtg cagggtggta 240
 ctgtttgtat tcccggtgt ttccgatgcg gtaagactgt cattctcag tctgtatcca 300
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<210> 6444
 <211> 1276
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6444
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 gcacccaggt cggtcttttc ttggggtgc tctcaagct cactgccccg cagttaggct 180
 ctcatgctat taaagctgcg ctccagcaaag cggatggaat caagcgtct gatatccagg 240
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cgaatctctc	gtctgagtc	tgcgagtcg	cccttgatct	tggatggaa	tataggaata	1140
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<210> 6445

<211> 1105

<212> DNA

<213> *Aspergillus oryzae*

<400> 6445

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gtaagacttg	gagcgaaactg	tctcgcgtag	aagataragc	caatggactg	ggcctgcgct	180
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<210> 6446

<211> 306

<212> DNA

<213> *Aspergillus oryzae*

<400> 6446

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ggggccccac	ccccqgggaa	atttaaaaat	tcccctggcc	cccttaaaaa	ccgggggggt	240
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<210> 6447

<211> 493

<212> DNA

<213> *Aspergillus oryzae*

<400> 6447

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tgatgacatg	actcacgacg	acttctttac	tttcacgatg	atcgacagtg	ctaccgctcg	420
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493

<210> 6448

<211> 673

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(673)

<223> n = A,T,C or G

<400> 6448

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<210> 6449

<211> 683

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(683)

<223> n = A,T,C or G

<400> 6449

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<210> 6450

<211> 653

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(653)

<223> n = A,T,C or G

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<210> 6451

<211> 679

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(679)

<223> n = A,T,C or G

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cagcctcaca acccgcctcag cctcgcctcc aagcaaccaaa tcccgaactc cggagccagc 240
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cggctgtccc aattgcccga agccagcggg caacagccga atgcccctgga aagctatccg 360
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<210> 6452

<211> 635

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(635)

<223> n = A,T,C or G

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<400> 6452
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gtaccccccg tccctccatt gcccagtcgc ttccttgacg aggcgggtgc gagggttacc 120
gagagccaga gctcggatca gtccggcaacc aaggaggcag atggtctttt cccgaactct 180
actccaaaac ttttctctct gctctcgtat aaccttctct tgttgtacaa ggtgtcagac 240
gagcgagaag tgaagatggg cgatgcggat cgcaccacat ggcagagtcg caatgcaaac 300
gttgattttt ggcaccggcc cactgcggct gatgaagag acgatggcgt ttttggtcgg 360
atggaggagt aaacaacccc gcttctttat acctctcttg atcatctttt tgtgtgattc 420
tcaagaaact ctctctggcc atggaaatca cccgattgga ctgctgcgtt gcaacagtaa 480
ttttttatga catgtacgaa ctgcgcggga ttttggggaa cattgctttt ttgtgggtac 540
ctgggctggt tgaacaaccc ctttttgagg gattacaggt tcctaaggaa tggattaccc 600
gcggggcctt ctggtgacct gggccccggg gatttc 635

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<210> 6453
 <211> 629
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6453
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 caaaagacgc ctataatata tacaactggt ccacaagatc cctattcaat ggctgagaac 120
 ggtgaagcct gctccacca gtttgccacg ccccggtctc caacaaagcc ccagccgacc 180
 ttccaattgc aagcacctcc catccgtgta caacaagcga ctccctaagac agaccagatg 240
 gagtttctcg gccctatttc cgctccctacg gcttctggtc cggcatcaaa tgtaaatcaa 300
 cacatggctg ctgcgcctgg cgaacggacc tacgatgctg tgccgatccc caacgcgtat 360
 tcgagtccaa tgcgcccac gttccctcgt gcctcccggt aatgattttg acgtttaaat 420
 agcactaatc aatgattaga atgtgtatat gcgcctgcac acaaaggcat ggaatgcaaa 480
 gattgacgca atgtactttt tctcgatgac tatcttattg cccgttccct tgttttcaaa 540
 tggctgcttg gtattcgatt ttctcgaaa gtttcaatcgc tctcatataa taactcatga 600
 gattgtgtgt gtgcctgcgc tgtgttctc 629

<210> 6454
 <211> 581
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6454
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 ctgcgctgcg attacttggt gaaatgtgtt ggccaaagtc ccaactcgaa gttaatacag 120
 gcgctgtcac ccgaatcgat ctctgagaca ggccatgtta aagttcgccc cacccttcag 180
 ttatcggaca catcgttcaa gaatatattat gctgcggggg atatcgtaga tatggacaat 240
 atcaagaatg ggagagcagc agtggaacag gctcaggctg tcgcacagaa tatcgtgcga 300
 tccatcaagt cgcagaatca gctcgagtac cgtccgcagt ggtgggaggg aatgacgaag 360
 ctacacgtag gactaggtaa agccttggtt tggatgggag atggctcggc cgaaataatc 420
 atgtccatga agtgccgagc ggaggagttg gacagcgcga aggtgtggaa gttcttcgga 480
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 taatagtagt gaaatggaag ccaagtcatg tgattgtaaa t 581

<210> 6455
 <211> 639
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6455
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 accggaactc aaatggatcc ctacactact cgcgtcgtcg accaggcggg cgggaagcta 120
 ttcaacagcc gtcttgacat ggtgaggagg tggcagcacc accttgggct caccctccagc 180
 ccttctctgt tcttgctcga tcgccacact ccggtctctg agatgtcgac gatgacctcc 240
 gcgcccagcg aagactcgtt cgatccgtac gcatatgcca ccgatttcaa aggatccgcg 300
 atgattgcgc aacagttgga aagcaccagc ggtcgcgccg attcccacct caacgatgct 360
 ttgactcggc ttcggaacat gcgcgcgtct ggccgtcctc ctgcctacat cactatgccc 420
 aaactgatca ccgctgcgcg caagtgtcat cgcaacgatt tgggtccatga aattctgagc 480
 atggctcgcc gcgatgtccc tctcctgccc cagtatcagg ctgtcagga cgggtggggtg 540
 tcaattcttg accccatggt agcctcctgc cttaccctta atgategcag tctcgtctcc 600
 aagtatcacc aggagctttc cgaactcggc tccgctcgc 639

<210> 6456
 <211> 785
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6456
 gccgggatcg gactactagc cccggatcgg actactagcc ccgggtcggg ctactagccc 60

cggggtcggac	tactagcccc	ggatcggact	actagccccg	ggtcggccta	ctagccccgg	120
gtacgactaa	tagcccccca	tcggactact	attaccggat	cggtttactc	attgcgggat	180
acgattactg	gcccagtcag	cgtgaccaac	cacctcagga	atggactgcg	ccggaagggc	240
cgtcaaatgc	ccatttgccg	atgttcgttg	ctgtagtcag	ccgcgcgcac	tcttatgttt	300
gtcgcagccg	cttaaggaat	gtgttatcag	ccgtattcct	catggcaggt	gggtcttctcg	360
tgacttcggt	cgatgaaggc	agacaatcga	catacatctg	ccctatcatc	tctggactac	420
atccacgggt	ccgggcctat	atgtctctcg	gcgttacatt	agataccttg	attctaatacg	480
gtgctgctga	gctttgtcgg	gagggtaaca	gatccccgga	tggtaggaaa	aagcaagcgt	540
tggtttcatg	gggctacagc	tttcttgggg	tagctgtgat	ctgtacaatc	gcggcggttca	600
tcctcagaaa	agtggcgcc	ggtgaaggct	ggttttgtca	actctcatta	tttacgaagc	660
gcagcatggc	aagggaaatt	agttgctttt	aaagtactgt	gcgcattcca	actaatggcc	720
tttttagggg	gcggttgagg	tctctataat	tggaagctcc	ggtatccatt	aatttcaggc	780
tgttg						785

<210> 6457

<211> 752

<212> DNA

<213> *Aspergillus oryzae*

<400> 6457

caattacgtc	tcttctcgat	tataattatt	gacgtttcaa	tatctgatcg	ttccgaccat	60
aaatatactt	aataaatcgt	gacttctgag	agaggttgca	tccctttaac	catgggtccat	120
atcatgctta	cgggagatca	tttccccata	aaatgaaatt	atggtagagt	gacacatcat	180
atttaccgat	attatgtaga	gcctctagag	acaatatcca	cgggtgaggt	caggactggg	240
agtgccatga	gactgactat	ttgatttgat	gggacttaaa	cctgaaaatg	ttaaggatat	300
gctacgagaa	cctgtcaagc	ccatataatcc	ctatggtaac	gggttttttag	aacccttcca	360
aacccccacg	tgaacataac	ctcacactac	gctgttaaca	catgattacg	gtgacataat	420
gatgtaacca	aaatattcgc	aattatcatt	atttagttaa	acgatactga	agatgatgat	480
gccaaaatat	atactgaata	ttacgtgata	tataatgatg	ctgaatgtaa	tgttcatggt	540
gtagaatatg	atcgttctag	tattagatcg	atgatgaaat	attacttcaa	tgatcaaaat	600
tatgatcatg	tacgtatggg	cgatgattaa	cgtattagtt	ctgtcaacga	tacttgatga	660
tgatggatgg	tcagtcatta	atgattgtga	atgtcaaatt	tcaaacggcc	ttctttttac	720
ataattatga	tgtgatagat	ataataaacg	cg			752

<210> 6458

<211> 589

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(589)

<223> n = A,T,C or G

<400> 6458

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acaagagggc	gagcttagcg	atgacgagga	aatgagccag	atcagtaatc	tcctgaacgc	180
gatcaagaag	cgaaatcaga	tttaaccatgg	agaagtgcct	tcgactgtct	ctacgacgga	240
ggcgcgaagg	gcagcatcga	aaacatcggg	tgatccagga	gccgatgggt	ccgtcaacag	300
caaagacacc	ccgatgacgg	acgctgaggt	aatttttcgac	gatgctcagg	ccgtgagccc	360
gtagttattt	cttgtctgct	ttctttttgtg	ttttctttct	ttgctgggtc	acctattctg	420
gaagtgcact	ttgatatact	gttgctagcc	atgtcgttgt	ttgctgggtg	attctttgtg	480
ccttctccca	ctggggtttgt	tttatcttcg	tttaatttate	cattttcgtt	cagcttgatg	540
tggggatnta	acaattctga	tgtcacatta	cacatagcgc	aaacccctt		589

<210> 6459

<211> 636

<212> DNA

<213> *Aspergillus oryzae*


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<400> 6459
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cctaaaggaa aatgaaacaa tgccggcccc ggaccccaag cccgaacaat cagtgcgaa      120
gcctaaggaa gcctttgaga aacgatcacg agcttccagg cgagcggaga cagtatggga      180
tgttgatgat tctccccact atcatttttc acggaaggag cgcgcgcggc tgttcgggtct      240
tcctcgtatt ctgcagcaga aggccaagga agcccatcat tccgaggaga gtactgatgc      300
gcagcttgct gctgatcaaa actgttcaga agccacatca cttcccacgg aacaacatgt      360
tgaagcttct agagacgagc catcagagga tctcatcgaa aatagcaccg ctagaggtga      420
ctcgggtccct gatggcgatg tcgcaattgc actaaatcag gttcttgtag cctggagtgg      480
aacaaagcgt gcattttacc ctgcaacctg ttttggaaga ccattgggga cttcacagtc      540
ccgttatttg gtcaaattcg aagacagtgc tcccgttgaa gttcccattg gagctgtgaa      600
acggctcgag ctacgggttg gagacgctgt gaaggt      636

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<210> 6460

<211> 656

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (666)

<223> n = A,T,C or G

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<400> 6460
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aaggttgaaa gtgttggtgt gctcaaggat aagcggcaac gtattggaga taagcgtgag      120
aaaaagactg tcgcaacggg cgttgtggct tttacttcca tcgtgggtgc gcatgctgcc      180
gttctcgaca gtgagaagaa gatacgccaa agcgttgggc cagcaggtag cgactggggc      240
ttaatcgact ctgtattctg ggcattctggc aatcaacctg atctaggggc aggggtctgac      300
aaccgtcctc tttctcctgc ggagaaaaagt gagccaacga tgccagctgc gcctcccaag      360
ccttcattcg gtttccctgg ggtcaagacg acgggctcag atggaaaaaa gcccggtaaa      420
gcgccatctt tcgggttcatt cgcgtctgct gcagccgcag ctgggttcagc taagtcgacc      480
tctagtctgt cgactaacgg tccaagtgcc cctagcatgg aagaaataac attaatgcga      540
ctaaagactg cgcancggga gaaagagcgc aaagctcttg aaagcaagct tcgaaagaga      600
tgangetgca nnatgccgcg agccgcngcc gctgaaacca tgctaattag catgttggtt      660
gttttt      666

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<210> 6461

<211> 657

<212> DNA

<213> *Aspergillus oryzae*

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<400> 6461
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atctgcaccc ctccgttgta cggagtaggc ctgacattat tgcttatctt gctatttgaa      120
actgcgttgg gaaagaagcg aacagaacag agaaggggag gggagaagat gaaagcggaa      180
ccacacgagg aattggattt tgaatccctg cccccagctt tgcaacgaaa gttcttctcc      240
aatgtcgaac gccttcgtct agctcatggg gatecgtggg atggttttcc ctatcaacgc      300
cgcttggtta aagtgcctcg ccgcctcccc ttttgtagcc ttcagggtcg ctcttatcca      360
acatccgcaa taaaaccctt caacaagaac aagaagtgcc acccgcataa gtcttcttll      420
ccaaacacga ctaagaagct ccgcaaagtc aactcgttac agttgggtcca tctttgcgcg      480
caagtggact cgcgatgctt tcaatcattt gccgcctaaa ttcaccagaa aactttcttg      540
aaagaggaac aagatttggt ttacacgagc gcacagttga agctcgggtc tttcatgcct      600
gccgtgaaac gccctaaccg gttgtaaaaa gcaagacaat tgttcccggc ttctact      657

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<210> 6462

<211> 673

<212> DNA

<213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(673)
 <223> n = A,T,C or G

<400> 6462
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 gtttcatctt ctttccgacg ttctcactc tcttttctgt tcttacatca tctgtctcgtg 120
 tgaccacccc cagttcgttc gctggtcgag cgacgggact tcatgcgctc ttttccttca 180
 acataccctc gtcactgttc ccaccgtctg ctatcatcag cctgaccgat gataactcga 240
 cattcttctt ggcgcggccc gcagcggttg gcccgcctct tcttgacaag gggctcagcg 300
 gtcagctatg gatcggcagc ggatttgag atagaaccac tgccggagcg gaaggcgaat 360
 tanggtgttc agatattcca nggtggggtg agggcgacgg ccacaggcag gatatacccg 420
 cggcgtcgga tgccctgctc gggaagcctg tgccctgggtg agctgacccg gcgacttcca 480
 atatccatcg tacggatcct aagccagaca tgcactcaca aqccagccca aatgacgggtg 540
 ttgtgaaccc gtcacgaac gatggcagc atgaacacat gacccaccca ctcccccgaa 600
 tttaaagtac ggaagtcggt gtctcggagc agcgcggggg ttgcccccg aacaagcaaa 660
 ctggccatgc ccc 673

<210> 6463
 <211> 656
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6463
 ccgtcttata cagtgtctcg tcgatgtctt ccgtgggact ggactgcgag gccgattgca 60
 agaacacctt cgcgcccacg gaatcgatca cgtgcagtga tttcgttgag ccgctgctga 120
 tgcccttccc acaacctatc ccagtctctg cctactaagc agcggacccc tcaaaattta 180
 tttaacgcag gtttatgatt taacggcaat acctttcgaa ttcccaggga tatacctgat 240
 cattccttcg actatttcta ggttacatcg ccttgcattt ctgaagcgac aagtgtatta 300
 tttcacggcg cagaaagcct tggagagcag gttttttgga catatgcctt aatttctttc 360
 tttgcacctt ttcttgatt tgtggataat acccggtatg ttaccgcgtg gacactggcc 420
 ggtgagccgg agttgccttc ttggacaggt ttctcgcaac tgcctccgcg aagttttttg 480
 atgtcggaaa cgtgaattct gttttatttt aaatacgttt ttttttccct tgggtatttga 540
 tacatcgctc tcttttttggg ggggaattgt ggggctttat gatacattg ctgtcatgaa 600
 ggggtgattgt tggcgtaaat tccccttgat ccttgtgggt ttcttaacct gggaaac 656

<210> 6464
 <211> 743
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(743)
 <223> n = A,T,C or G

<400> 6464
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 tgcaaccatc actgttgccg ttgaggaacg atgatctatt cacagcaaca ctacgcagtt 180
 catccgggat cttatctctt ctaacatttg agaagtgggt tcgatcttct tgacggcggg 240
 ttgtgggtat cctgaagcgt tggtaaccgt gcagttagct cgggtgaact agctcaccca 300
 ccgtatgctt cgcactgcta tatcattcaa cccacctgat catgatgaga tgagacgccc 360
 cccacgtaaa cctgatgagc cccttgctcg tggctggcta ctgttccat acatgggtat 420
 cggcacatac gtccgtgctg ccaccgtctt tggctacgtt tgggtggttc totacaaccc 480
 agaagggccc cagatttcgt tctggcaact gtcccatttc cacaagtgtc ccgcacagtt 540
 ccccgaaatt ggttgtaga tgtttacgaa cgacatgtcg cgagctgctt ctacagtttc 600
 attggccatc ttggtagtaa tcgagatgct gaacgctatg aatgcccttt cgtctagcga 660

atcccttgct	actttcgctc	tctggaacaa	catgatgctg	ggctatggct	ataatctttc	720
gatgacattg	cactttgcca	ttt				743

<210> 6465
 <211> 683
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6465						
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aaccgacaat	tcattgcaac	ttgaaacatg	tctcctccag	ctgccatcta	cgaacccact	120
gtggccgcta	ccggcctcaa	gggtaaggct	gtggtttctg	agaccgcccc	cgttgaggga	180
gcttctcaga	ccaagctggt	ggaccatttc	ggtggcaagt	gggacgagtt	caagttcgcc	240
cctatccgcg	aaagccaggt	ctctcgtgcc	atgaccagac	gttactttga	ggacctggac	300
aagtagctg	aaagtgcagt	tgctattggt	ggtgctgggt	cctgcgggtct	gagcactgcg	360
tacgtcttgg	ccaaggctcg	tccggacctg	aaatttgcga	tcgtcgaggc	cagcgtctct	420
cctggtggcg	gtgcctggtr	gggtggccaa	ctctttctct	ctatgggtcat	gcgcggtccc	480
gcggaagtct	tcctgaacga	gctgggtggt	ccttacgaag	aggacgcaaa	ccccaaactac	540
gttgctgcta	agcagcgctc	cctggtttacc	tcgacactca	tgttcaaagt	tctcttcttc	600
cccaatgtca	agctcttcaa	tgctaccgct	gttgaagact	tgatcaccgc	tccgaccgag	660
aacggcaacc	cccagattgc	ttg				683

<210> 6466
 <211> 663
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(663)
 <223> n = A,T,C or G

<400> 6466						
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tgcccaatgc	tcannnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	120
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	180
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	240
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	300
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	540
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	600
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ncn						663

<210> 6467
 <211> 723
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6467						
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tatcaggacc	acactcgcca	tgcaagatcc	tgacctccct	ggaccaaggt	ttcatactac	180
cattttcgtg	aaaacggggc	cgaacggtaa	cggtacaatt	cacgaagtca	ctggcgatat	240
cacctcatcg	gaggggatgt	actatactcg	aactccaagt	gaagccccag	agctttcccc	300
ggagtttcat	acaagccaga	agttgggcgt	cacccaagca	tgcaatcctc	ctgggtgactg	360
gaaacgggtt	ttagatgggt	taccaacgcc	gcctcagcag	aaagcatgta	atgtgaagac	420
aatgaagacg	gagccgttta	agacgaaaga	tccattgact	ttctatgagc	ctgggtgagcc	480

tagacggcaa	ttgatgaagt	gtactgagtg	gacgatggag	agggcaattc	ctgctctaaa	540
ggcgaatgga	cttatcatcg	aggggtaggg	tgttttggac	aatggaatct	gcgatctatt	600
gtgctacaag	cactgcttat	tgtgtctatc	aataaatgat	gatatattga	cctacccgcc	660
gcttaaaaaa	taatcccatc	tttgactgtg	cttgccaagc	tttgtggaaa	ggcaattctt	720
ggt						723

<210> 6468

<211> 633

<212> DNA

<213> *Aspergillus oryzae*

<400> 6468

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cttcatacgc	tcccttgccg	ctccttttttc	tgaactcact	cgcgagctgc	tattgttttct	120
tacaatccat	tttctttcac	ttttttctct	catagtccat	acagctcttc	ccttccccctg	180
ccgtgtcttt	tgaggccgag	gaaagggtgag	ctacaataga	cggagtgcgc	gagaggactg	240
agtgggtcta	acgcttttcc	tgtgtatgca	tctctttttga	aagcctcaac	tttttttgcgt	300
caaccttccc	ctcctttctc	ccaatccttt	tccctgtctt	ttgatgctct	tcctcttctgc	360
gttgggattg	ctttcttctga	aatagttcta	tatacgattg	tttctattct	acacgggttg	420
acctgtgggt	attttctgatt	ctcggccgggt	ccggttgcta	tcagctcgat	cacttggagt	480
ttgcaccatc	tttaatcatt	taatcgctct	caaaaattcg	tctcgatcgc	ctatcgaacc	540
gaagaacttt	caattgggat	ttcctgcttg	tgagccaccg	acacctgaac	aacaacgttg	600
atggtggcac	ttgaacttaa	gtatagaaaa	gaa			633

<210> 6469

<211> 651

<212> DNA

<213> *Aspergillus oryzae*

<400> 6469

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cgccagataa	taaatacgtaa	aaaaaccgcc	ggcataaacc	accttaaggg	ggttttccaat	120
agaaaaccaa	accgaaaatt	aaaaggacca	acccccgggt	tttatgacaa	tcaattggca	180
ccaagctgaa	cgccggaaga	agaaagccat	aagccgtaaa	gtgaaaacca	gacccgaact	240
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taaaacccct	gtgtggtaaa	ccagtgtgcc	aaagccgata	ccgcgaaaga	atgggatacc	360
aagcgcccaa	atgcatatac	agcgtgtgtc	aataggttga	gaccattata	aggtgctcca	420
cattttcaac	ccaggggaac	totgagcaaa	atcagagcgc	tggggccaaa	tatgcaagag	480
agcctttcga	cgagatcccg	cgatgtgggt	cacatgctct	ggggggctct	ctggcgcatt	540
ctcagaacttt	gcgtgcttgt	gcgcgtaaat	cgggctggga	aacgttgaag	acactctctg	600
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<210> 6470

<211> 682

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)..(682)

<223> n = A,T,C or G

<400> 6470

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cagcaacaa	gacagcgaca	gcagtgatgg	aagcggcagc	agttcaqqt	catccggatg	180
cggaaccaca	aacaacctcc	taacaacaac	atacattgtc	cccaacaag	cctgggaactg	240
gacatcccaa	ggcagtagat	ccgcgcagc	cagcccaaca	atatacgacg	gcagttatatt	300
ccagggcgaa	ggatatatat	cctacaacat	caacggcgga	tcacgatgtc	gtgacgcaaa	360
cgngagactt	cggatcctag	gatacgcttg	ggttggaaca	caaccgccct	atcctaccgg	420

gcccttgaac	ccctttatcg	ttgggttcaa	ggcgtgggaa	tccgacaagc	cgggttaatga	480
gatccacacg	tcttataatc	cgattaaatg	gacagaggat	agtgtttgtc	ctatggagcc	540
ggatctcggt	cgcatecgta	cgactagagg	ttggattgac	ttgacggctc	atacgtctgg	600
tgccctcgat	gtgatgatca	tgaatgtttc	tatggattca	gcgaagtcaa	ccgncgtgag	660
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<210> 6471

<211> 669

<212> DNA

<213> *Aspergillus oryzae*

<400> 6471

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ccaaaccccg	tcataatcat	atcttctctg	tggcgtagtc	attacggltc	taacagtgtg	180
tugtacaaga	aagggagaaa	gaagaagaaa	gggaaagaag	aaaggaaaag	aaaagttaaga	240
aaaaaatatg	gtgttctctac	ccccaaaacac	cacaaatccca	taggccaacc	ataaaaacagc	300
tataaacccg	cgtgtttccg	gttctggaga	cacccatgat	ctctatatac	tttaaacagt	360
gaccatgttt	cataccccag	gttcagtggc	ggatcgaagc	acggatatca	taaaagtact	420
gtaagtaatg	aacgcaggga	agacgtgaga	ggatcggggt	cggcacgaca	atcgacgaca	480
gtctgtatcg	atctagaatt	cctaagcctc	aacttcctct	gcgtgcgtc	gggatgcaga	540
gtatgtatgt	gccccactgg	cccgggcccag	aggagctgtt	gttcgtcttt	tgcgctcaag	600
gaatctccgt	tttccggctc	gggtctcaaa	gtgtcgggga	atttgcagtc	gcttctggcc	660
cgcagccag						669

<210> 6472

<211> 1088

<212> DNA

<213> *Aspergillus oryzae*

<400> 6472

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acccttccgg	ataacacagt	tttaaggacc	tttgcttctc	tcttttcgtg	aacataacac	180
ccaccaacca	cgctactatt	ttcccaatgg	cagctcctcg	ctctacttct	ttgcgcgccc	240
ttcgcgtgct	ctctcaacag	catgctgcta	cacctgctc	ccgccggggc	ctgcacatca	300
ccgggggtcaa	ttctgcacag	cctgtcaacg	tttcggatcg	tacgtctttg	tacgcgactc	360
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agaatgagct	cgttgagcgc	cttgccaacc	atgactttct	tcaatcccg	gctttcagca	480
ttgccatgag	aagaatcaat	ggcagctctg	cagcagataa	atctgtttcc	acccgccaat	540
tcaacacatc	tgcgcctcgc	aaggccgtca	atgactcacc	cactgtggat	tttgcatacc	600
taccgtccat	ggacgagatt	gatgccccta	ctcgccccgc	cgatactcgc	attccgatcc	660
tttccgatgt	ctacaccaac	tacaactcga	gccagccctc	gaacctccc	atgaagcccc	720
aggtacacac	tgtgtccggg	ggcggggccg	atatcgcagt	cagccccatg	gccgaagtgt	780
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cacactgatt	tgactcgcgt	tggttgcttg	gtctacttta	gcgataattg	gtttccactg	1020
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<210> 6473

<211> 681

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(681)

<223> n = A,T,C or G

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<400> 6473
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cgaacactcc ggtttactga accattacct cccccattag tatttccagc cgctacattc 180
ccagcacttc gcaatgccgg tctacatgct atacggcttt aagtggccgc gcgccggctt 240
cactgggtatc cgagtgtata ttgtcctgca caacctggaa gatgcgacag cagagtatct 300
ccaagcccca gtcaccaccc agctgctctt agagtcgttc gcaaagacag aatcgggtat 360
cgtatcccgt ctcgccgacc tccgatttat tgagcagtat gaccccgacg ataccagcga 420
tgaggccgtc agcaagccat atgcctatgt cgcggctaaa gtgatcacga tgccagagtc 480
gggggcactt agtttgatg ctgaggagct ggttaaggaa tcagggctag atgaaaatgc 540
catggcggcg ttgacagaga tgcgagataa atatgccgct ggtgagaaga ttgctggtat 600
atngtgtata acggggatcc ggagagatgg ttcccccaat tgatgaggac gacgatgaaa 660
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<210> 6474

<211> 824

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(824)

<223> n = A,T,C or G

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cgaactcgag tttegaatcac ttcacctgcc cgtccggcgg cacctggtag gtgtgcccgg 180
acgcgcgcga ctctgtcggc tgctgctcct cggacccatg cacaaacgtc gacgcaaaca 240
gcaccacgcc atgccccaac ctccatcccc cctcctttga cacctccatc ttcgacgaga 300
tcttgcceaa cttgggtgcat cgctccgcca acgcgcactg gtatacctgc aacaccacgg 360
acccaccctt tctcggtctg tgctcgagcc ctgcttnngt caaagacggg tgtccggccg 420
atgatttact tgccgctgcg nngagctcgt cccgtcgngg tcaattcgcc ctgtncagg 480
acgagggcac ccgcgatgac gatattaagg taagcgcngg aggtgggtggg ttatccggcg 540
gcgcgatcgc cggatatcgg gtttgnggtt gttgcgcgcg ttngnattgg cggccccctc 600
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cacacgcctg ttggtgcca ggcccgggtt ccaaagcgcc gttaaatctc cgggtatcgg 720
cggcccaagg gttcaaattt cccaccgggt gtgcaacaaa ttgggacaag aaaggccccc 780
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<210> 6475

<211> 649

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(649)

<223> n = A,T,C or G

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<400> 6475
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tcgaagaaqa aaccttcctg aaattgcttg agaaagacat ggcaaacatg atggggccacg 180
ctgcgaagga gtccgggaca tcggagcaga agggcttnga aacaccatca accagggcgc 240
ggacgccttc acgaagcaac tggaggagag cgggattccg cccggtgact tcatcaagca 300
gctcctggcg gatgtgatgg ctgaagaaga ggggtggagat gccaccgcta aagccgcagg 360
agetgcacca tctaccggca gtgctgggtc ttcactctgt ggagctggag ctaggggcgc 420
gcgcctgaq tegttaaatg atgctatcca gcagacgatg aaccgtatga aggagtccgg 480

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agacaaagct	acggcggcag	cytcagaaga	tgatccgaac	gatctcatgg	cgcagctgat	540
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<210> 6476
 <211> 693
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1) ... (693)
 <223> n = A,T,C or G

<400> 6476						
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ggtcgcaaga	cgtacgaagc	ccatacgggt	ccttttcgtc	gctctccgga	tatggacget	240
cctggcgccg	gtgagaatga	agccatcatc	gacgtaccgt	cccagcccg	aaccacctac	300
attgagcgcc	tacgcaacaa	ccgtaccatg	caagcgatca	gcaccaagag	acggcgtaag	360
ctgaagatga	agaagcacaa	gtacaagaag	cctttgcgga	atacgaggac	cttgccgtcg	420
aagcttgaca	aggcttaatc	gggattttcc	tattacaatc	tccttcctcc	tgcactgcca	480
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cggacttgaa	accggttggt	gattccctgg	gtgttttttt	cgtgtccgtc	ctcatggctc	600
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cagtatcatt	tacatagcta	tcttttatat	can			693

<210> 6477
 <211> 667
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1) ... (667)
 <223> n = A,T,C or G

<400> 6477						
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tattccagcg	gaccatacgt	tggcgttttc	cctactcccg	cttactgccc	caaggetgca	420
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cggcct						667

<210> 6478
 <211> 686
 <212> DNA
 <213> Aspergillus oryzae

<400> 6478						
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ggccaagacc	ttgtaactgg	gatectatca	agcggcacat	ttgatacttc	ttcaaagtgc	180
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cagctgggta	tgaatagggg	cgatcagatc	ataccaactg	taaaatcggc	actgaatagc	300
aacggtgcaa	caccaaaccg	caaccttact	attgcagttg	caactctgta	cattaatgtc	360
gctgtttatc	tcacctctga	aggtaggggg	tctgccccaa	agtcttctga	acgaggtctt	420
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tgctccagaa	gtctacgata	ttaacccatc	attagggaag	tggtgttctt	cggccccggg	600
aaggaaccca	gggtcaaggg	cgctcttggg	aaaacaagga	gttctttcat	aatggaaaag	660
gtaaaccggg	ttttttcaac	atatag				686

<210> 6479

<211> 622

<212> DNA

<213> *Aspergillus oryzae*

<400> 6479

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gacgagcgag	ttcattgatg	aaacgaagag	cctgatcggc	aatgtggcac	ctgtcattac	180
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cgtcaacgaa	acacagattc	tgatcgaaga	cgcttcggag	ttgctccctg	tcgtgggtgaa	420
gatcttgggc	acgctgtgaa	ggatctgagc	cacagttcaa	gggcttatgt	ataacggaca	480
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tgttttgtgat	gcttttgggg	gccaagata	taaccgcccc	aattacaatg	atgtgtgatg	600
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<210> 6480

<211> 665

<212> DNA

<213> *Aspergillus oryzae*

<400> 6480

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tcgagtatca	tccgactgat	attgatcgca	tacacgggcc	aatcggagga	tggcaccatg	180
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gttctgatgc	ataatgctca	aagcgagcca	taggtcgaaa	cgaccgttca	cggagatcga	480
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<210> 6481

<211> 970

<212> DNA

<213> *Aspergillus oryzae*

<400> 6481

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tgcgttccga	aaagactgga	aaagccttcc	caagtggctg	atgggttacg	tgaacgacga	180
tgacacacatc	actggcacga	aagagatgac	tgcgattggc	cgcgcagtaa	ttagtcgggtg	240
gcttggtggac	gagttgtttg	agcgcttctt	tcacccggca	ctggatccca	ccttcagtcg	300
acagttgaag	agcattgaga	tgaacctgcg	ccggcagcag	gccaaatactc	tcaccgacga	360

ggataaagaa	aatgcgateg	cacgcatttc	caattggcga	cgcaccacct	tggatgggtct	420
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catgcggctc	gtaatcagca	aggtgatggg	acggagaccc	aaccaaggcg	cggctccgaa	900
ccccggtggc	aatggggaca	tgcgcctcc	cacggctatg	gaagagcgga	acagcatggg	960
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<210> 6482

<211> 666

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(666)

<223> n = A,T,C or G

<400> 6482

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agcatgacaa	ccagaagaaa	cgaccccatc	gcgtcttcga	atcccccgga	aagaaacaga	180
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ncagggagag	tgatgatgag	agtgatgacc	agcatgtgtc	aggcaacaag	cagaaccaga	600
aacaggggca	cgttcanggg	gaaggctcac	ccgcacgcgc	tatgaattct	ttctcggatt	660
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<210> 6483

<211> 791

<212> DNA

<213> *Aspergillus oryzae*

<400> 6483

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agaccagca	gaaggccttc	acagacgctt	gcagtgtctaa	gggcaaccac	ccgctctgct	360
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tcgggtgagg	cttggggggg	gcttcttaaca	actttgttgg	tgaggagcct	ggcgcttgca	480
gtgggtctgt	ctctgcccctc	aacaagcaat	gccagaccag	catcggttgc	tgccagcaga	540
acgccaaagg	cgacaactac	cagagcggcc	tcctcaacct	caacctccag	gctccttgcc	600
ttctcagcaa	tggtctgttaa	tcgcctcgcc	atttggctac	gaaatccggc	gcagcattgg	660
acataatgtc	gctcttctgt	tcctcgccgc	tggaaccaaga	tcgtcagcgt	tttcgcgatt	720
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<210> 6484

<211> 650

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(650)

<223> n = A,T,C or G

<400> 6484

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<212> DNA

<213> Aspergillus oryzae

<400> 6485

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<223> n = A,T,C or G

<400> 6486

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